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Terminal Block

Delight Through Connections



Dinkle remains the right of product modification and engineering change of design.
The catalogue is for reference only. The final product is made according to actual
engineering drawing.

弊社標準品に関しては、修正や設計変更等が行われるため、カタログは参考であり、
詳細仕様は図面を基準とする。

本公司對產品保有修改、設變權，目錄僅供參考，實際產品仍需依照工程圖面
為準。

MAY./2025

DINKLE , Delight Through Connections !!

Established on July 22, 1983, Dinkle, after decades of market refinement, has been improving over time, providing globalization services by the core capability of terminal block manufacturing, and becoming the best partner in the industrial fields.

Headquartered in Taiwan, there are five manufacturing sites around the world, it's easy to find Dinkle service locations in every country. We cultivate professionals from various countries to provide excellent services for electrical connections, electrical cabinets and communication electronic products.

The R&D center has more than 400 engineers to innovate product design, carry out digital transformation from information digitization to technology digitization, and develop products suitable for industrial fields. The automated manufacturing of production lines at each site ensures excellent product performance and quality.

All production bases are certified by ISO9001 and ISO 14001, and the products have passed UL, cUL, VDE, TUV, ENEC, LR and other safety certifications.

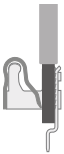




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PID (Push-In Design) PCB Connectors

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.50	150	4	ESC250L-XXP	41		3.50	300	8	0225-01XX	23	Screw flange/light pipe
2.50	150	4	ESC250V-XXP	41		3.50	300	8	0225-02XX	23	Engaging lever locking
2.50	150	6	0288-1AXX	15		3.50	300	8	0225-03XX	24	Light pipe
2.50	150	6	0288-1DXX	16	Snap-in locking	3.50	300	8	0225-06XX	24	Screw flange
2.50	150	6	0288-2AXX	95	Engaging lever locking	3.50	300	8	0225-07XX	24	Engaging lever locking
2.50	150	6	0288-AAXX	95	Assembly	3.50	300	8	0225-08XX	24	
2.50	150	6	0288-ADXX	95	Assembly	3.50	300	8	0256-11XX	3	
2.54	150	5	0156-1AXX-BK	17	Screw flange	3.50	300	8	0256-12XX	3	Screw flange
2.54	150	5	0156-1BXX-BK	16		3.50	300	8	0256-13XX	3	Engaging lever locking
2.54	150	5	0156-1CXX-BK	17	Snap-in locking	3.50	300	8	0256-14XX	4	Rotary hook locking
2.54	150	5	0156-1DXX-BK	17	Rotary hook locking	3.50	300	8	0256-21XX	3	
2.54	150	6	0157-1BXX	18		3.50	300	8	0256-22XX	3	Screw flange
3.50	150	8	0156-2AXX-BK	19	Screw flange	3.50	300	8	0256-23XX	3	Engaging lever locking
3.50	150	8	0156-2BXX-BK	19		3.50	300	8	0256-24XX	4	Rotary hook locking
3.50	150	8	0156-2CXX-BK	19	Engaging lever locking	3.50	300	8	0256-31XX	3	
3.50	150	8	0156-2DXX-BK	19	Rotary hook locking	3.50	300	8	0256-32XX	3	Screw flange
3.50	300	8	0159-05XX	22	Screw flange/light pipe	3.50	300	8	0256-33XX	3	Engaging lever locking
3.50	300	8	0159-07XX	22	Light pipe	3.50	300	8	0256-34XX	4	Rotary hook locking
3.50	300	8	0159-08XX	22	Rotary hook locking	3.50	300	8	ESC350V-XXP	42	
3.50	300	8	0181-A1XX	92	Screw flange	3.50	300	8	ESC350VK-XXP	42	Rotary hook locking
3.50	300	8	0181-A3XX	92		3.50	300	8	ESC350VM-XXP	42	Screw flange
3.50	300	8	0218-21XX	4		3.50	300	10	0156-9AXX	20	Screw flange
3.50	300	8	0218-21XXM0256-11	96	Assembly	3.50	300	10	0156-9BXX	19	
3.50	300	8	0218-21XXM0256-21	96	Assembly	3.50	300	10	0156-9CXX	19	Press buckle locking
3.50	300	8	0218-21XXM0256-31	96	Assembly	3.50	300	10	0156-9DXX	20	Rotary hook locking
3.50	300	8	0218-23XX	4		3.50	300	10	0159-01XX	21	Screw lfange
3.50	300	8	0218-23XXM0256-13	96	Assembly	3.50	300	10	0159-03XX	21	
3.50	300	8	0218-23XXM0256-23	96	Assembly	3.50	300	10	0159-04XX	21	Rotary hook locking
3.50	300	8	0218-23XXM0256-33	96	Assembly	3.81	300	8	0221-42XX	33	
3.50	300	8	0218-25XX	4		3.81	300	8	0221-43XX	33	Screw flange
3.50	300	8	0218-25XXM0256-11	96	Assembly	3.81	300	8	0221-44XX	33	Engaging lever locking
3.50	300	8	0218-25XXM0256-21	96	Assembly	3.81	300	8	0256-61XX	5	
3.50	300	8	0218-25XXM0256-31	96	Assembly	3.81	300	8	0256-62XX	5	Screw flange
3.50	300	8	0218-27XX	4		3.81	300	8	0256-63XX	5	Engaging lever locking
3.50	300	8	0218-27XXM0256-13	96	Assembly	3.81	300	8	0256-64XX	6	Rotary hook locking
3.50	300	8	0218-27XXM0256-23	96	Assembly	3.81	300	8	0256-71XX	5	
3.50	300	8	0218-27XXM0256-33	96	Assembly	3.81	300	8	0256-72XX	5	Screw flange
3.50	300	8	0218-2GXX	4		3.81	300	8	0256-73XX	5	Engaging lever locking
3.50	300	8	0218-2GXXM0256-13	95	Assembly	3.81	300	8	0256-74XX	6	Rotary hook locking
3.50	300	8	0218-2GXXM0256-33	95	Assembly	3.81	300	8	0256-81XX	5	
3.50	300	8	0221-20XX	31		3.81	300	8	0256-82XX	5	Screw flange
3.50	300	8	0221-21XX	32	Engaging lever locking	3.81	300	8	0256-83XX	5	Engaging lever locking
3.50	300	8	0221-24XX	32	Snap-in locking	3.81	300	8	0256-84XX	6	Rotary hook locking
3.50	300	8	0221-28XX	32	Screw flange	3.81	300	8	ESC381V-XXP	42	
3.50	300	8	0221-29XX	32	Rotary hook locking	3.81	300	8	ESC381VK-XXP	42	Rotary hook locking



PID (Push-In Design) PCB Connectors

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.81	300	8	ESC381VM-XXP	42	Screw flange	5.08	300	8	ESC508VM-XXP	44	Screw flange
5.00	300	10	0226-01XX	25	Screw flange/light pipe	5.08	300	10	0121-01XX	45	Screw flange / test holes
5.00	300	10	0226-02XX	25	Engaging lever locking	5.08	300	10	2ESDS-XXP	44	
5.00	300	10	0226-03XX	25	Light pipe	5.08	300	10	2ESDSM-XXP	44	Screw flange
5.00	300	10	0226-06XX	26	Screw flange	5.08	300	10	2ESDSR-XXP	44	
5.00	300	10	0226-07XX	26	Engaging lever locking	5.08	300	10	2ESDSRM-XXP	44	Screw flange
5.00	300	10	0226-08XX	26		5.08	300	10	2ESDSV-XXP	45	
5.00	300	10	5ESDS-XXP	43		5.08	300	10	2ESDSVK-XXP	45	Rotary hook locking
5.00	300	10	5ESDSM-XXP	43	Screw flange	5.08	300	10	2ESDSVM-XXP	45	Screw flange
5.00	300	10	5ESDSR-XXP	43		5.08	300	10	2ESR-XXP	36	
5.00	300	10	5ESDSRM-XXP	43	Screw flange	5.08	300	10	2ESRK-XXP	36	Rotary hook locking
5.00	300	10	5ESR-XXP	34		5.08	300	10	2ESRM-XXP	36	Screw flange
5.00	300	10	5ESRK-XXP	34	Rotary hook locking	5.08	300	10	2ESV-XXP	36	
5.00	300	10	5ESRM-XXP	34	Screw flange	5.08	300	10	2ESVK-XXP	36	Rotary hook locking
5.00	300	10	5ESV-XXP	34		5.08	300	10	2ESVM-XXP	36	Screw flange
5.00	300	10	5ESVK-XXP	34	Rotary hook locking	5.08	300	12	0229-A5XXY	98	Inverted plug
5.00	300	10	5ESVM-XXP	34	Screw flange	5.08	300	12	0229-A9XXY	98	Inverted plug
5.00	300	15	0161-01XX	93	Screw flange	5.08	300	12	0229-F4XX	29	Screw flange
5.00	300	15	0161-02XX	93	Engaging lever locking	5.08	300	12	0229-F5XX	29	Engaging lever locking
5.00	300	15	0161-03XX	93		5.08	300	12	0229-F5XXY	98	Snap-in locking
5.00	300	15	0161-04XX	93	Rotary hook locking	5.08	300	12	0229-F9XX	29	
5.00	300	15	0189-25XX	130		5.08	300	12	0229-F9XXY	98	
5.00	300	15	0227-01XX	27	Screw flange/light pipe	5.08	300	12	0229-FAXX	30	Rotary hook locking
5.00	300	15	0227-02XX	27	Engaging lever locking	5.08	300	12	0229-M5XXY	98	Assembly
5.00	300	15	0227-03XX	27	Light pipe	5.08	300	12	0229-M9XXY	98	Assembly
5.00	300	15	0227-04XX	27	Rotary hook locking	5.08	300	12	2ESDB-XXP	94	
5.00	300	15	0227-06XX	28	Screw flange	5.08	300	12	2ESDBA-XXP	94	
5.00	300	15	0227-07XX	28	Engaging lever locking	5.08	300	12	2ESDBAM-XXP	94	Screw flange
5.00	300	15	0227-08XX	28		5.08	300	12	2ESDBM-XXP	94	Screw flange
5.00	300	15	0227-09XX	28	Rotary hook locking	5.08	300	15	0257-61XX	8	
5.00	300	15	0257-11XX	7		5.08	300	15	0257-62XX	8	Screw flange
5.00	300	15	0257-12XX	7	Screw flange	5.08	300	15	0257-64XX	8	Rotary hook locking
5.00	300	15	0257-14XX	7	Rotary hook locking	5.08	300	15	0257-71XX	8	
5.00	300	15	0257-21XX	7		5.08	300	15	0257-72XX	8	Screw flange
5.00	300	15	0257-22XX	7	Screw flange	5.08	300	15	0257-74XX	8	Rotary hook locking
5.00	300	15	0257-24XX	7	Rotary hook locking	5.08	300	15	0257-81XX	8	
5.00	300	15	0257-31XX	7		5.08	300	15	0257-82XX	8	Screw flange
5.00	300	15	0257-32XX	7	Screw flange	5.08	300	15	0257-84XX	8	Rotary hook locking
5.00	300	15	0257-34XX	7	Rotary hook locking	5.08	300	15	2ESS-XXP	35	
5.00	300	15.5	0234-20XX-MW	40	Snap-in locking	5.08	300	15	2ESSM-XXP	35	Screw flange
5.08	300	8	0225-04XX	29	Screw flange	5.08	300	16	0150-20XX	37	Lock flange beneath
5.08	300	8	0225-05XX	29	Engaging lever locking	6.35	600	20	0150-30XX	38	Lock flange beneath
5.08	300	8	0225-09XX	29		7.50	600	15	0150-40XX	38	Lock flange beneath
5.08	300	8	0225-0AXX	30	Rotary hook locking	7.50	300	15.5	0254-20XX	40	Snap-in locking
5.08	300	8	ESC508V-XXP	44		7.50	300	16	0254-30XX	40	Snap-in locking



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PID (Push-In Design) PCB Connectors

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
7.50	300	16	0234-30XX-MW	40	Snap-in locking	7.62	300	16	0258-61XX	9	
7.62	300	10	3ESDS-XXP	46		7.62	300	18	3ESDSRH-XXP	46	
7.62	300	10	3ESDSM-XXP	46	Screw flange	7.62	300	18	3ESDSRHM-XXP	46	Screw flange
7.62	300	10	3ESDSR-XXP	46		10.16	600	51	0187-A4XX	94	
7.62	300	10	3ESDSRM-XXP	46	Screw flange						



Sockets (Headers)

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.50	150	4	ECH250V-XXP	68		3.50	150	8	0159-31XXWR	84	T&R package
2.50	150	4	ECH250V-XXPL	68	THR	3.50	150	8	0159-32XX	21	
2.50	150	4	ECH250R-XXP	68		3.50	150	8	0159-32XXL	21	THR
2.50	150	4	ECH250R-XXPL	68	THR	3.50	150	8	0159-32XXLWR	84	THR, T&R package
2.50	150	4	ECHB250V-XXP	68		3.50	150	8	0159-32XXWR	84	T&R package
2.50	150	4	ECHB250R-XXP	68		3.50	150	8	0159-33XX	22	
2.54	150	5	0156-10XX	16		3.50	150	8	0159-33XXL	22	THR
2.54	150	5	0156-10XXL	16	THR	3.50	300	8	0221-22XX-BK	31	Dual row
2.54	150	5	0156-12XX	17	Threaded flange	3.50	300	8	0221-22XXL	31	THR, dual row
2.54	150	5	0156-12XXL	17	THR	3.50	300	8	0221-23XXL	31	THR, dual row
2.54	150	5	0156-13XX	17	Threaded flange	3.50	300	8	0221-25XX-BK	31	Triple row
2.54	150	5	0156-13XXL	17	THR	3.50	300	8	0221-25XXL	31	THR
2.54	150	5	0156-15XX	16		3.50	300	8	0221-26XXL	32	Snap-in locking/THR
2.54	150	5	0156-15XXL	16	THR	3.50	300	8	0221-27XX-BK	32	Snap-in locking, dual row
2.54	150	5	0156-16XX	17	Snap-in locking	3.50	300	8	0221-27XXL	32	THR
2.54	150	5	0156-16XXL	17	THR	3.50	300	8	0221-35XXL	32	Threaded flange/THR
2.54	150	5	0156-17XX	17	Threaded flange	3.50	300	8	0221-36XXL	32	Threaded flange/THR
2.54	150	5	0156-17XXL	17	THR	3.50	300	8	0221-41XX-BK	31	Triple row
2.54	150	5	0156-18XX	17	Threaded flange	3.50	300	8	0221-41XXL	31	THR
2.54	150	5	0156-18XXL	17	THR	3.50	300	8	0225-13XX	23	Threaded flange
2.54	150	5	0156-19XX	17	Snap-in locking	3.50	300	8	0225-13XXL	23	THR
2.54	150	5	0156-19XXL	17	THR	3.50	300	8	0225-14XX	23	Threaded flange
2.54	150	6	0157-10XXL	18	THR	3.50	300	8	0225-14XXL	23	THR
2.54	150	6	0157-15XXL	18	THR	3.50	300	8	0225-16XX	24	Threaded flange
3.50	150	8	0159-11XX	21	Threaded flange	3.50	300	8	0225-16XXL	24	THR
3.50	150	8	0159-11XXL	21	THR	3.50	300	8	0225-17XX	24	Threaded flange
3.50	150	8	0159-11XXLWR	84	THR, T&R package	3.50	300	8	0225-17XXL	24	THR
3.50	150	8	0159-11XXWR	84	T&R package	3.50	300	8	0225-23XX	23	Engaging lever locking
3.50	150	8	0159-12XX	21	Threaded flange	3.50	300	8	0225-23XXL	23	THR
3.50	150	8	0159-12XXL	21	THR	3.50	300	8	0225-24XX	23	Engaging lever locking
3.50	150	8	0159-12XXLWR	84	THR, T&R package	3.50	300	8	0225-24XXL	23	THR
3.50	150	8	0159-12XXWR	84	T&R package	3.50	300	8	0225-26XX	24	Engaging lever locking
3.50	150	8	0159-13XX	22	Threaded flange	3.50	300	8	0225-26XXL	24	THR
3.50	150	8	0159-13XXL	22	THR	3.50	300	8	0225-27XX	24	Engaging lever locking
3.50	150	8	0159-31XX	21		3.50	300	8	0225-27XXL	24	THR
3.50	150	8	0159-31XXL	21	THR	3.50	300	8	0225-33XX	24	Light hole
3.50	150	8	0159-31XXLWR	84	THR, T&R package	3.50	300	8	0225-33XXL	24	THR



Sockets (Headers)

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	300	8	0225-34XX	24	Light hole	3.50	300	8	ECH350VM-XXPLWR	85	THR, T&R package
3.50	300	8	0225-34XXL	24	THR	3.50	300	8	ECH350VM-XXPWR	85	T&R package
3.50	300	8	0225-36XX	24		3.50	300	8	ECH350VT-XXPL	70	THR
3.50	300	8	0225-36XXL	24	THR	3.50	300	8	ECH350VT-XXPLWR	85	THR, T&R package
3.50	300	8	0225-37XX	24		3.50	300	8	ECHB350R-XXP	70	
3.50	300	8	0225-37XXL	24	THR	3.50	300	8	ECHB350RM-XXP	70	Threaded flange
2.50	150	6	0288-6AXXSMDWR	15		3.50	300	8	ECHB350V-XXP	70	
2.50	150	6	0288-6AXXWR	15		3.50	300	8	ECHB350VM-XXP	70	Threaded flange
2.50	150	6	0288-6BXXSMDWR	15		3.50	300	8	EECH350R-XXP	70	
2.50	150	6	0288-6BXXWR	16		3.50	300	8	EECH350RM-XXP	70	Threaded flange
2.50	150	6	0288-8AXXSMDWR	16	Snap-in locking	3.50	300	8	EECH350V-XXP	70	
2.50	150	6	0288-8BXXSMDWR	16	Snap-in locking	3.50	300	8	EECH350VM-XXP	70	Threaded flange
2.50	150	6	0288-9AXXSMDWR	15		3.50	150	10	0156-20XX-BK	19	
3.50	300	8	ECH350H-XXP	70		3.50	150	10	0156-20XX-BK-WR	84	T&R package
3.50	300	8	ECH350R-XXP	69		3.50	150	10	0156-20XXL	19	THR
3.50	300	8	ECH350R-XXPL	69	THR	3.50	150	10	0156-20XXLWR	84	THR, T&R package
3.50	300	8	ECH350R-XXPLWR	85	T&R package/THR	3.50	150	10	0156-21XX-BK	19	Threaded flange
3.50	300	8	ECH350R-XXPWR	85	T&R package	3.50	150	10	0156-21XX-BK-WR	84	T&R package
3.50	300	8	ECH350RD-XXP	69	Rotary hook locking	3.50	150	10	0156-21XXL	19	THR
3.50	300	8	ECH350RG-XXP	70	Light pipe	3.50	150	10	0156-21XXLWR	84	THR, T&R package
3.50	300	8	ECH350RJ-XXP	32	Engaging lever locking	3.50	150	10	0156-22XX-BK	20	Threaded flange
3.50	300	8	ECH350RJ-XXPL	32	THR	3.50	150	10	0156-22XXL	20	THR
3.50	300	8	ECH350RM-XXP	32	Threaded flange	3.50	150	10	0156-24XX-BK	19	Press buckle locking
3.50	300	8	ECH350RM-XXPL	32	THR	3.50	150	10	0156-24XX-BK-WR	84	T&R package
3.50	300	8	ECH350RM-XXPLWR	85	T&R package/THR	3.50	150	10	0156-24XXL	19	THR
3.50	300	8	ECH350RM-XXPWR	85	T&R package	3.50	150	10	0156-24XXLWR	84	THR, T&R package
3.50	300	8	ECH350RR-XXP	69		3.50	150	10	0156-25XX-BK	19	
3.50	300	8	ECH350RR-XXPL	69	THR	3.50	150	10	0156-25XX-BK-WR	84	T&R package
3.50	300	8	ECH350RR-XXPLWR	85	T&R package/THR	3.50	150	10	0156-25XXL	19	THR
3.50	300	8	ECH350RR-XXPWR	85	T&R package	3.50	150	10	0156-25XXLWR	84	THR, T&R package
3.50	300	8	ECH350RRM-XXP	69	Threaded flange	3.50	150	10	0156-26XX-BK	19	Threaded flange
3.50	300	8	ECH350RRM-XXPL	69	THR	3.50	150	10	0156-26XX-BK-WR	84	T&R package
3.50	300	8	ECH350RRM-XXPLWR	85	T&R package/THR	3.50	150	10	0156-26XXL	19	THR
3.50	300	8	ECH350RRM-XXPWR	85	T&R package	3.50	150	10	0156-26XXLWR	84	THR, T&R package
3.50	300	8	ECH350RT-XXPL	70	THR	3.50	150	10	0156-27XX-BK	20	Threaded flange
3.50	300	8	ECH350RT-XXPLWR	85	THR, T&R package	3.50	150	10	0156-27XXL	20	THR
3.50	300	8	ECH350V-XXP	69		3.50	150	10	0156-29XX-BK	19	Press buckle locking
3.50	300	8	ECH350V-XXPL	69	THR	3.50	150	10	0156-29XX-BK-WR	84	T&R package
3.50	300	8	ECH350V-XXPLWR	85	THR, T&R package	3.50	150	10	0156-29XXL	19	THR
3.50	300	8	ECH350V-XXPWR	85	T&R package	3.50	150	10	0156-29XXLWR	84	THR, T&R package
3.50	300	8	ECH350VD-XXP	69	Rotary hook locking	3.81	300	8	0221-33XX-BK	33	Dual row
3.50	300	8	ECH350VJ-XXP	32		3.81	300	8	0221-33XXL	33	THR
3.50	300	8	ECH350VJ-XXPL	32	THR	3.81	300	8	0221-39XX-BK	33	Dual row
3.50	300	8	ECH350VM-XXP	32	Threaded flange	3.81	300	8	0221-39XXL	33	THR
3.50	300	8	ECH350VM-XXPL	32	THR	3.81	300	8	0221-51XX-BK	33	Threaded flange

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Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.81	300	8	0221-51XXL	33	THR	5.00	300	10	0226-13XX	25	Threaded flange
3.81	300	8	0221-52XX-BK	33	Threaded flange	5.00	300	10	0226-13XXL	25	THR
3.81	300	8	0221-52XXL	33	THR	5.00	300	10	0226-14XX	25	Threaded flange
3.81	300	8	ECH381A-XXP	72		5.00	300	10	0226-14XXL	25	THR
3.81	300	8	ECH381AM-XXP	72	Threaded flange	5.00	300	10	0226-16XX	26	Threaded flange
3.81	300	8	ECH381H-XXP	72		5.00	300	10	0226-16XXL	26	THR
3.81	300	8	ECH381R-XXP	71		5.00	300	10	0226-17XX	26	Threaded flange
3.81	300	8	ECH381R-XXPL	71	THR	5.00	300	10	0226-17XXL	26	THR
3.81	300	8	ECH381R-XXPLWR	86	T&R package/THR	5.00	300	10	0226-23XX	25	Engaging lever locking
3.81	300	8	ECH381R-XXPWR	86	T&R package	5.00	300	10	0226-23XXL	25	THR
3.81	300	8	ECH381RD-XXP	71	Rotary hook locking	5.00	300	10	0226-24XX	25	Engaging lever locking
3.81	300	8	ECH381RJ-XXP	33	Engaging lever locking	5.00	300	10	0226-24XXL	25	THR
3.81	300	8	ECH381RJ-XXPL	33	THR	5.00	300	10	0226-26XX	26	Engaging lever locking
3.81	300	8	ECH381RM-XXP	71	Threaded flange	5.00	300	10	0226-26XXL	26	THR
3.81	300	8	ECH381RM-XXPL	71	THR	5.00	300	10	0226-27XX	26	Engaging lever locking
3.81	300	8	ECH381RM-XXPLWR	86	T&R package/THR	5.00	300	10	0226-27XXL	26	THR
3.81	300	8	ECH381RM-XXPWR	86	T&R package	5.00	300	10	0226-33XX	25	Light hole
3.81	300	8	ECH381RR-XXP	71		5.00	300	10	0226-33XXL	25	THR
3.81	300	8	ECH381RR-XXPL	71	THR	5.00	300	10	0226-34XX	25	Light hole
3.81	300	8	ECH381RR-XXPLWR	86	T&R package/THR	5.00	300	10	0226-34XXL	25	THR
3.81	300	8	ECH381RR-XXPWR	86	T&R package	5.00	300	10	0226-36XX	26	
3.81	300	8	ECH381RRM-XXP	71	Threaded flange	5.00	300	10	0226-36XXL	26	THR
3.81	300	8	ECH381RRM-XXPL	71	THR	5.00	300	10	0226-37XX	26	
3.81	300	8	ECH381RRM-XXPLWR	86	T&R package/THR	5.00	300	10	0226-37XXL	26	THR
3.81	300	8	ECH381RRM-XXPWR	86	T&R package	5.00	300	15	0227-13XX	27	Threaded flange
3.81	300	8	ECH381V-XXP	71		5.00	300	15	0227-13XXL	27	THR
3.81	300	8	ECH381V-XXPL	71	THR	5.00	300	15	0227-14XX	27	Threaded flange
3.81	300	8	ECH381V-XXPLWR	86	T&R package/THR	5.00	300	15	0227-14XXL	27	THR
3.81	300	8	ECH381V-XXPWR	86	T&R package	5.00	300	15	0227-16XX	28	Threaded flange
3.81	300	8	ECH381VD-XXP	71	Rotary hook locking	5.00	300	15	0227-16XXL	28	THR
3.81	300	8	ECH381VJ-XXP	33	Engaging lever locking	5.00	300	15	0227-17XX	28	Threaded flange
3.81	300	8	ECH381VJ-XXPL	33	THR	5.00	300	15	0227-17XXL	28	THR
3.81	300	8	ECH381VM-XXP	71		5.00	300	15	0227-23XX	27	Engaging lever locking
3.81	300	8	ECH381VM-XXPL	71	THR	5.00	300	15	0227-23XXL	27	THR
3.81	300	8	ECH381VM-XXPLWR	86	T&R package/THR	5.00	300	15	0227-24XX	27	Engaging lever locking
3.81	300	8	ECH381VM-XXPWR	86	T&R package	5.00	300	15	0227-24XXL	27	THR
3.81	300	8	ECHB381R-XXP	72		5.00	300	15	0227-26XX	28	Engaging lever locking
3.81	300	8	ECHB381RM-XXP	72		5.00	300	15	0227-26XXL	28	THR
3.81	300	8	ECHB381RRD-XXP	72		5.00	300	15	0227-27XX	28	Engaging lever locking
3.81	300	8	ECHB381V-XXP	72		5.00	300	15	0227-27XXL	28	THR
3.81	300	8	ECHB381VM-XXP	72	Threaded flange	5.00	300	15	0227-33XX	27	Threaded flange
3.81	300	8	EECH381R-XXP	72		5.00	300	15	0227-33XXL	27	THR
3.81	300	8	EECH381RM-XXP	72	Threaded flange	5.00	300	15	0227-34XX	27	Threaded flange
3.81	300	8	EECH381V-XXP	72		5.00	300	15	0227-34XXL	27	THR
3.81	300	8	EECH381VM-XXP	72	Threaded flange	5.00	300	15	0227-36XX	28	Rotary hook locking



Sockets (Headers)

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.00	300	15	0227-36XXL	28	THR	5.00	300	15	5EHDVM-XXPWR	86	T&R package
5.00	300	15	0227-37XX	28	Rotary hook locking	5.08	300	12	0225-46XX	29	Threaded flange
5.00	300	15	0227-37XXL	28	THR	5.08	300	12	0225-47XX	29	Threaded flange
5.00	300	15	5EEHDV-XXP	74		5.08	300	12	0225-56XX	29	Engaging lever locking
5.00	300	15	5EEHDVC-XXP	74		5.08	300	12	0225-57XX	29	Engaging lever locking
5.00	300	15	5EEHDVM-XXP	74	Threaded flange	5.08	300	12	0225-66XX	29	
5.00	300	15	5EHDBR-XXP	74		5.08	300	12	0225-67XX	29	
5.00	300	15	5EHDBRM-XXP	74	Threaded flange	5.08	300	12	0225-76XX	30	Rotary hook locking
5.00	300	15	5EHDBV-XXP	74		5.08	300	12	0225-77XX	30	Rotary hook locking
5.00	300	15	5EHDBVM-XXP	74	Threaded flange	5.08	300	12	ECH508V-XXP	75	
5.00	300	15	5EHDR-XXP	73		5.08	300	12	ECH508VM-XXP	75	Threaded flange
5.00	300	15	5EHDR-XXPL	73	THR	5.08	300	12	ECH508R-XXP	75	
5.00	300	15	5EHDR-XXPLWR	86	T&R package	5.08	300	12	ECH508RM-XXP	75	Threaded flange
5.00	300	15	5EHDR-XXPWR	86	T&R package	5.08	300	15	2EEHDR-XXP	77	
5.00	300	15	5EHDRC-XXP	73		5.08	300	15	2EEHDRM-XXP	77	Threaded flange
5.00	300	15	5EHDRC-XXPL	73	THR	5.08	300	15	2EEHDV-XXP	77	
5.00	300	15	5EHDRC-XXPLWR	86	T&R package	5.08	300	15	2EEHDVM-XXP	77	Threaded flange
5.00	300	15	5EHDRC-XXPWR	86	T&R package	5.08	300	15	2EHDBR-XXP	77	
5.00	300	15	5EHDRG-XXP	74	Rotary hook locking	5.08	300	15	2EHDBRM-XXP	77	Threaded flange
5.00	300	15	5EHDRM-XXP	74	Threaded flange	5.08	300	15	2EHDBV-XXP	77	
5.00	300	15	5EHDRM-XXPL	74	THR	5.08	300	15	2EHDBVM-XXP	77	Threaded flange
5.00	300	15	5EHDRM-XXPLWR	86	T&R package	5.08	300	15	2EHDR-XXP	76	
5.00	300	15	5EHDRM-XXPWR	86	T&R package	5.08	300	15	2EHDR-XXPL	76	THR
5.00	300	15	5EHDRR-XXP	73		5.08	300	15	2EHDR-XXPLWR	87	T&R package/THR
5.00	300	15	5EHDRR-XXPL	73	THR	5.08	300	15	2EHDR-XXPWR	87	T&R package
5.00	300	15	5EHDRR-XXPLWR	85	T&R package/THR	5.08	300	15	2EHDRM-XXP	76	Threaded flange
5.00	300	15	5EHDRR-XXPWR	85	T&R package	5.08	300	15	2EHDRM-XXPL	76	THR
5.00	300	15	5EHDRRC-XXP	73		5.08	300	15	2EHDRM-XXPLWR	87	T&R package/THR
5.00	300	15	5EHDRRC-XXPL	73	THR	5.08	300	15	2EHDRM-XXPWR	87	T&R package
5.00	300	15	5EHDRRC-XXPLWR	85	T&R package/THR	5.08	300	15	2EHDRR-XXPL	76	THR
5.00	300	15	5EHDRRC-XXPWR	85	T&R package	5.08	300	15	2EHDRRC-XXPL	76	THR
5.00	300	15	5EHDRRM-XXPL	74	THR	5.08	300	15	2EHDRRM-XXPL	76	THR
5.00	300	15	5EHDRRM-XXPLWR	85	T&R package/THR	5.08	300	15	2EHDVC-XXP	76	
5.00	300	15	5EHDV-XXP	73		5.08	300	15	2EHDVC-XXPL	76	THR
5.00	300	15	5EHDV-XXPL	73	THR	5.08	300	15	2EHDVC-XXPLWR	87	T&R package/THR
5.00	300	15	5EHDV-XXPLWR	86	T&R package	5.08	300	15	2EHDVC-XXPWR	87	T&R package
5.00	300	15	5EHDV-XXPWR	86	T&R package	5.08	300	15	2EHDVM-XXP	76	Threaded flange
5.00	300	15	5EHDVC-XXP	73		5.08	300	15	2EHDVM-XXPL	76	THR
5.00	300	15	5EHDVC-XXPL	73	THR	5.08	300	15	2EHDVM-XXPLWR	87	T&R package/THR
5.00	300	15	5EHDVC-XXPLWR	86	T&R package	5.08	300	15	2EHDVM-XXPWR	87	T&R package
5.00	300	15	5EHDVC-XXPWR	86	T&R package	5.08	300	16	0150-26XX	37	With support pins
5.00	300	15	5EHDVG-XXP	74	Rotary hook locking	5.08	300	20	2EHDA-XXP	75	
5.00	300	15	5EHDVM-XXP	74	Threaded flange	5.08	300	20	2EHDAC-XXP	75	
5.00	300	15	5EHDVM-XXPL	74	THR	5.08	300	20	2EHDR-XXP	76	
5.00	300	15	5EHDVM-XXPLWR	86	T&R package	5.08	300	20	2EHDR-XXPL	76	THR

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Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.08	300	20	2EHDR-XXPLWR	87	T&R package/THR	7.62	300	15	3EHDVM-XXP	78	Threaded flange
5.08	300	20	2EHDR-XXPWR	87	T&R package	7.62	300	15	3EHDVM-XXPWR	87	T&R package
5.08	300	20	2EHDRG-XXP	75	Rotary hook locking	7.62	300	25	0183-11XX	64	
5.08	300	20	2EHDV-XXP	76		7.62	300	25	0183-11XXTXX	64	
5.08	300	20	2EHDV-XXPL	76	THR	7.62	300	30	ECH762R-XXP	79	
5.08	300	20	2EHDV-XXPLWR	87	T&R package/THR	7.62	300	30	ECH762RM-XXP	79	Threaded flange
5.08	300	20	2EHDV-XXPWR	87		7.62	300	30	ECH762RRM-XXP	79	Threaded flange
5.08	300	20	2EHDVG-XXP	75	Rotary hook locking	7.62	300	30	ECH762RR-XXP	79	
6.35	600	20	0150-36XX	38		7.62	300	30	ECH762RTM-XXP	79	Threaded flange
7.50	300	15	7EHDR-XXP	78		7.62	300	30	ECH762V-XXP	79	
7.50	300	15	7EHDRC-XXP	78		7.62	300	30	ECH762VM-XXP	79	Threaded flange
7.50	300	15	7EHDRM-XXP	78	Threaded flange	7.62	300	30	ECH762VTM-XXP	79	Threaded flange
7.50	300	15	7EHDV-XXP	78		7.62	600	41	ECH762HR-XXP	79	
7.50	300	15	7EHDVC-XXP	78		7.62	600	41	ECH762HRM-XXP	79	Threaded flange
7.50	300	15	7EHDVM-XXP	78	Threaded flange	7.62	600	41	ECH762HRR-XXP	79	
7.50	300	15.5	0234-26XX	40		7.62	300	41	ECH762RE-XXP	80	
7.50	300	16	0234-36XX	40		7.62	300	41	ECH762RRE-XXP	80	
7.50	300	18	0150-46XX	38	With support pins	8.80	600	65	ECH880R-XXP	64	
7.62	300	15	3EHDR-XXP	78		8.80	600	65	ECH880RT-XXP	64	Snap-in locking
7.62	300	15	3EHDR-XXPWR	87	T&R package	10.16	600	51	ECH116HRS-XXP	65	
7.62	300	15	3EHDRC-XXP	78		10.16	600	51	ECH116HRSM-XXP	65	Threaded flange
7.62	300	15	3EHDRC-XXPWR	87	T&R package	10.16	600	51	ECH116HVS-XXP	65	
7.62	300	15	3EHDRM-XXP	78	Threaded flange	10.16	600	51	ECH116HVSM-XXP	65	Threaded flange
7.62	300	15	3EHDRM-XXPWR	87	T&R package	10.16	300	51	ECH116L-XXP	65	
7.62	300	15	3EHDV-XXP	78		10.16	300	51	ECH116R-XXP	65	
7.62	300	15	3EHDV-XXPWR	87	T&R package	10.16	300	51	ECH116RM-XXP	65	Threaded flange
7.62	300	15	3EHDVC-XXP	78		10.16	300	51	ECH116V-XXP	65	
7.62	300	15	3EHDVC-XXPWR	87	T&R package	15.00	600	115	ECH150RM-XXP	66	Threaded flange

PID & Screw Connection Plugs & Pin Strips

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	150	2	0191-01XX	89		5.00	300	2	0191-12XXTH	89	Pin strip, THR
3.50	150	2	0191-01XXC	89	With cover	5.00	300	7	ED130F-XXP	88	
3.50	150	2	0191-11XXTH	89	Pin strip, THR	5.00	300	7	EDH130F-XX/12.6	88	
3.50	300	8	0191-06XX	88		5.00	300	7	EDH130F-XXTH126	88	Pin strip
3.50	300	8	0191-06XXC	88	With cover	5.00	300	7	EDH130S-20XXTHT	89	
3.50	300	8	0191-16XXTH	88	Pin strip, THR	5.00	300	12	ED130T-XXP	88	
4.00	300	10	0162-01XX	90		5.00	300	12	EDH130-21XX	88	
4.00	300	10	0162-06XX	90		5.00	300	12	EDH130-21XXTHT	88	Pin strip
4.00	300	10	0162-11XX	90	Pin socket	5.08	300	10	0164-01XX	90	
4.00	300	10	0162-A1XX	90		5.08	300	10	0164-01XX(T)	90	
4.00	300	10	0162-A6XX	90		5.08	300	10	0164-02XX	90	
5.00	300	2	0191-02XX	89		5.08	300	10	0164-11XX	90	Pin socket
5.00	300	2	0191-02XXC	89	With cover	5.08	300	10	0164-11XXL	90	Pin socket, THR
5.00	300	5	0191-04XX	89		5.08	300	10	0164-12XX	90	Pin socket
5.00	300	5	0191-04XXC	89	With cover	5.08	300	10	0164-12XXL	90	Pin socket, THR
5.00	300	7	0191-05XX	89		5.08	300	10	0164-A1XX	90	
A7 5.08	300	10	0164-A1XX(T)	90		5.08	300	10	0164-A2XX	90	

PID & Screw Connection Inverted headers

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	300	8	EC350CR-XXP	121		5.08	300	15 / 12	2ESDCVM-XXP	121	Threaded flange
3.50	300	8	EC350CV-XXP	121		5.08	300	15	2ESH-XXP	122	Inverted contact
3.81	300	8	EC381CR-XXP	122		5.08	300	15	2ESHM-XXP	122	Screw flange
3.81	300	8	EC381CV-XXP	122		7.62	300	41	EC762CR-XXP	123	
3.81	300	8	ECSH381K-XXP	122		7.62	600	41	ECSH762FS-XXP	123	Mounting flange
3.81	300	8	ECSH381MK-XXP	122	Screw flange	7.62	600	41	ECSH762SS-XXP	123	Mounting flange
3.81	300	8	ECSH381V-XXP	122	Inverted contact	7.62	600	41	ECSH762V-XXP	123	
3.81	300	8	ECSH381VM-XXP	122	Screw flange	10.16	300	51	EC116CV-XXP	124	Inverted contact
5.00	300	15	0161-11XX	93	Screw flange	10.16	300	51	EC116CVM-XXP	124	Screw flange
5.00	300	15	0161-12XX	93	Engaging lever locking	10.16	600	51	ECSH116K-XXP	98	Screw flange
5.00	300	15	0161-13XX	93	Inverted contact	10.16	600	51	ECSH116M-XXP	98	Screw flange
5.00	300	15	0161-14XX	93	Rotary hook locking	10.16	600	51	ECSH116MK-XXP	98	Screw flange
5.08	300	15 / 12	2ESDCR-XXP	121		10.16	600	51	ECSH116V-XXP	98	Threaded flange
5.08	300	15 / 12	2ESDCRM-XXP	121	Threaded flange	10.16	600	51	ECSH116VM-XXP	124	Screw flange
5.08	300	15 / 12	2ESDCV-XXP	121							

Card-Edge Connectors

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	150	6	0184-11XX	125	Light pipe	5.00	300	6	0184-31XX	126	Light pipe
3.50	150	6	0184-13XX	125	Light pipe	5.00	300	6	0184-33XX	126	Light pipe
3.50	150	6	0184-15XX	125	Engaging lever locking	5.00	300	6	0184-35XX	126	Engaging lever locking
3.50	150	6	0184-16XX	125	Engaging lever locking	5.00	300	6	0184-36XX	126	Engaging lever locking
3.50	150	8	0184-01XX	126		5.00	300	16	5ESDG-XXP	126	PCB connection
3.50	150	12	CPC350-XXP	126	PCB connection						



Screw Connection PCB Connectors

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.50	300	8	EC350F-XXP	50		3.81	300	8	EC381VM-XXP	49	Screw flange
3.50	300	8	EC350FM-XXP	50	Screw flange	5.00	300	15	5ESDA-XXP	53	
3.50	300	8	EC350RL-XXP	49	With strain relief	5.00	300	15	5ESDAM-XXP	53	Screw flange
3.50	300	8	EC350RLM-XXP	49	Screw flange	5.00	300	15	5ESDF-XXP	52	
3.50	300	8	EC350R-XXP	49		5.00	300	15	5ESDFM-XXP	52	Screw flange
3.50	300	8	EC350RM-XXP	49	Screw flange	5.00	300	15	5ESDPL-XXP	54	
3.50	300	8	EC350V-XXP	49		5.00	300	15	5ESDPLM-XXP	54	Screw flange
3.50	300	8	EC350VM-XXP	49	Screw flange	5.00	300	15	5ESDP-XXP	53	
3.81	300	8	EC381F-XXP	50		5.00	300	15	5ESDPM-XXP	53	Screw flange
3.81	300	8	EC381FM-XXP	50	Screw flange	5.00	300	15	5ESDT-XXP	51	
3.81	300	8	EC381L-XXP	51	With strain relief	5.00	300	15	5ESDTS-XXP	51	With test hole
3.81	300	8	EC381LM-XXP	51	Screw flange	5.00	300	15	5ESDV-XXP	53	
3.81	300	8	EC381R-XXP	49		5.00	300	15	5ESDVM-XXP	53	Screw flange
3.81	300	8	EC381RL-XXP	49		5.08	300	12	EC508F-XXP	52	
3.81	300	8	EC381RLM-XXP	49	Screw flange	5.08	300	12	EC508FM-XXP	52	Screw flange
3.81	300	8	EC381RM-XXP	49	Screw flange	5.08	300	12	EC508V-XXP	52	
3.81	300	8	EC381V-XXP	49		5.08	300	12	EC508VM-XXP	52	Screw flange
3.81	300	8	EC381VK-XXP	51	Rotary hook locking	5.08	300	15	2ESDA-XXP	55	

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Screw Connection PCB Connectors

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
5.08	300	15	2ESDAM-XXP	55	Screw flange	7.62	600	15	3ESNPLS-XXP	61	
5.08	300	15	2ESDF-XXP	53		7.62	600	15	3ESNPLSM-XXP	61	Screw flange
5.08	300	15	2ESDFM-XXP	53	Screw flange	7.62	600	15	3ESNPM-XXP	61	Screw flange
5.08	300	15	2ESDL-XXP	56		7.62	600	15	3ESNPS-XXP	61	
5.08	300	15	2ESDP-XXP	55		7.62	600	15	3ESNPSM-XXP	61	Screw flange
5.08	300	15	2ESDPM-XXP	55	Screw flange	7.62	600	18	3ESNPH-XXP	62	
5.08	300	15	2ESDPL-XXP	56		7.62	600	18	3ESNPHM-XXP	62	Screw flange
5.08	300	15	2ESDPLM-XXP	56	Screw flange	7.62	600	18	3ESNPHL-XXP	62	
5.08	300	15	2ESDV-XXP	55		7.62	600	18	3ESNPHLM-XXP	62	Screw flange
5.08	300	15	2ESDVB-XXP	92		7.62	600	20	3ESDVH-XXP	58	High current
5.08	300	15	2ESDVBM-XXP	92	Screw flange	7.62	600	20	3ESDVHM-XXP	58	High current
5.08	300	15	2ESDVM-XXP	55	Screw flange	7.62	600	25	0183-01XX	64	
5.08	300	15	2ESDVNM-XXP	56		7.62	600	25	0183-01XXTX	64	
5.08	300	15	2ESDVS-03P	55		7.62	600	25	3ESNVH-XXP	62	High current
5.08	300	20	2ESDVH-XXP	54	High current	7.62	600	25	3ESNVHM-XXP	62	High current
7.50	300	15	7ESDP-XXP	57		7.62	600	40	EC762HV-XXP	63	High voltage
7.50	300	15	7ESDPL-XXP	57		7.62	600	40	EC762HVM-XXP	63	High current
7.50	300	15	7ESDPLM-XXP	57	Screw flange	7.62	600	40	EC762HVN-XXP	63	High voltage
7.50	300	15	7ESDPM-XXP	57	Screw flange	7.62	600	40	EC762HVM-XXP	63	High current
7.50	300	15	7ESDV-XXP	57		7.62	600	41	EC762H-XXP	80	High current
7.50	300	15	7ESDVM-XXP	57	Screw flange	7.62	600	41	EC762HLNM-XXP	63	Screw flange
7.62	300	15	3ESDP-XXP	57		8.80	600	65	EC880HV-XXP	64	
7.62	300	15	3ESDPL-XXP	57		8.80	600	65	EC880HVT-XXP	64	Snap-in locking
7.62	300	15	3ESDPLM-XXP	57	Screw flange	10.16	600	51	EC116V-XXP	65	
7.62	300	15	3ESDPM-XXP	57	Screw flange	10.16	600	51	EC116VM-XXP	65	Screw flange
7.62	300	15	3ESDV-XXP	57		15.00	600	115	EC150VM-XXP	66	Screw flange
7.62	300	15	3ESDVM-XXP	57	Screw flange						
7.62	300	30	EC762V-XXP	63							
7.62	600	15	3ESNP-XXP	61							
7.62	600	15	3ESNPL-XXP	61							
7.62	600	15	3ESNPLM-XXP	61	Screw flange						

Feed Through Headers

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.81	300	8	ECHP381V-XXP	81	Solder/Slip-on connection	5.00	300	15	5EHDKM-XXP/1.6	82	Threaded flange
5.00	300	15	5EHDK-XXP/1.0	81	Snap-in locking	5.00	300	15	5EHDKPM-XXP	82	Threaded flange
5.00	300	15	5EHDK-XXP/1.2	82	Snap-in locking	5.08	300	15	2EHDP-XXP	81	Solder/Slip-on connection
5.00	300	15	5EHDK-XXP/1.4	82	Snap-in locking	5.08	300	15	2EHDPN-XXP	82	Solder/Slip-on connection
5.00	300	15	5EHDK-XXP/1.6	82	Snap-in locking	7.62	300	30	ECHP762V-XXP	82	Solder/Slip-on connection
5.00	300	15	5EHDKM-XXP/1.0	81	Threaded flange						
5.00	300	15	5EHDKM-XXP/1.2	82	Threaded flange						
5.00	300	15	5EHDKM-XXP/1.4	82	Threaded flange						



PID (Push-In Design) PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.50	150	2	0136-11XX	101		5.00	300	20	0153-01XX	105	
2.50	150	5	0188-01XXL	100	THR	5.00	300	20	0153-02XX	105	
2.50	150	5	0188-01XXSMDWR	100	THR	5.00	300	20	0153-91XX	105	
2.50	150	5	0188-02XXL	100	THR	5.00	300	20	0177-51XX	108	
2.50	150	5	0188-02XXSMDWR	100	THR	5.00	300	20	0177-53XX	108	
2.50	300	2	0136-10XX	101		5.00	300	20	0275-21XX	11	
2.54	150	5	0138-10XX	101		5.00	300	20	0276-21XX	11	
2.54	150	5	0138-11XX	101		5.00	300	20	0290-21XX	11	
2.54	150	5	141R-XXP	101		5.08	300	10	0141-21XX	106	
2.54	150	5	141V-XXP	101		5.08	300	10	0141-24XX	106	
3.50	300	5	0137-40XX	102		5.08	300	10	142R-XXP	105	
3.50	300	5	0137-41XX	102		5.08	300	10	142V-XXP	105	
3.50	300	5	0137-41XXM	103		5.08	300	12	0138-60XX	106	THR
3.50	300	6	0136-20XX	102		5.08	300	12	0138-60XXL	106	
3.50	300	6	0136-21XX	102		5.08	300	12	0138-61XX	106	
3.50	300	6	0136-22XX	102		5.08	300	12	0138-61XXL	106	THR
3.50	300	6	0136-23XX	102		6.35	600	25	0177-76XX	108	
3.50	300	9	0151-01XX	103		6.35	600	25	0177-78XX	108	
3.50	300	9	0151-01XXL	103	THR	7.50	300	10	0152-53XX	106	
3.50	300	9	0151-02XX	103		7.50	300	32	0275-31XX	12	
3.50	300	9	0151-02XXL	103	THR	7.50	300	32	0290-31XX	12	
3.50	300	10	0177-31XX	107		7.50	600	32	0275-32XX	12	
3.50	300	10	0177-33XX	107		7.50	600	32	0290-32XX	12	
3.50	300	10	0185-12XX	103		7.50	300	36	0177-81XX	107	
3.50	300	10	0185-13XX	103		7.50	300	36	0177-83XX	107	
3.50	300	10	0275-11XX	11		7.50	600	36	0177-86XX	107	
3.50	300	10	0275-11XXY5	11		7.50	600	36	0177-88XX	107	
3.50	300	10	0290-11XX	11		10.00	300	66	0290-41XXYB	13	
3.50	300	12	0138-50XX	102		10.00	300	66	0290-42XXYD	13	
3.50	300	12	0138-50XXL	102	THR	10.00	300	66	0177-03XX	108	
3.50	300	12	0138-50XXSMDWR	101		10.00	600	20	0153-41XX	106	
3.50	300	12	0138-51XX	102		10.00	600	66	0177-06XX	108	
3.50	300	12	0138-51XXL	102	THR	10.00	600	66	0177-08XX	108	
3.81	300	10	0141-01XX	104		15.00	600	101	0177-B3XX	108	
3.81	300	10	0141-22XX	104		15.00	600	101	0290-51XX	13	
3.81	300	12	0138-42XXL20	103		15.00	600	101	0290-51XXM	13	
5.00	300	10	0137-11XX	104		15.00	1000	72	0290-42XXP3YD	13	
5.00	300	10	0138-70XX	105							
5.00	300	10	0138-76XX	105							
5.00	300	10	0152-01XX	104							
5.00	300	10	0152-02XX	104							
5.00	300	10	0152-03XX	104							
5.00	300	10	0185-31XX	105							
5.00	300	10	0185-32XX	105							
5.00	300	10	0188-12XXSMDWR	104							

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Spring Clamp Connection PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.50	300	4	WKA250A-XXP	119		5.00	300	15	WKA500-XXPL	119	THR
2.50	300	4	WKV250A-XXP	120		5.00	300	15	WSKA500S-XXP	119	
2.54	300	4	WKA254A-XXP	120		5.08	300	10	W3K508-XXP	120	
2.54	300	4	WKV254A-XXP	120		5.08	300	10	W4K508-XXP	120	
5.00	300	10	W3K500-XXP	120		5.08	300	10	WKK508-XXP	120	
5.00	300	10	W4K500-XXP	120		5.08	300	15	WKA508-XXP	119	
5.00	300	10	WKA50B-XXP	119		7.50	300	30	WSKA750S-XXP	120	
5.00	300	10	WKK500-XXP	120		10.00	300	57	WSKA100-XXP	120	
5.00	300	15	WKA500-XXP	119							



Screw Connection PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
2.54	150	10	EK254V-XXP	109		5.08	300	13.5	E2LK508V-XXP	112	
3.50	300	10	EK350A-XXP	110		5.08	300	13.5	EELK508V-XXP	111	Double decked
3.50	300	10	EK350V-XXP	109		5.08	300	13.5	ELK508S-XXP	112	
3.50	300	10	EK350V4L-XXP	110	Double decked	5.08	300	13.5	ELK508V-XXP	111	
3.81	300	12	E3K381V-XXP	110	High profile	5.08	300	13.5	ELK508V3L-XXP	111	
3.81	300	12	EEK381V-XXP	110		5.08	300	20	E3K508V-XXP	114	High profile
3.81	300	12	EHK381V-XXP	110		5.08	300	20	EEK508V-XXP	114	High profile
3.81	300	12	EK381A-XXP	110		5.08	300	20	EK508A-XXP	112	
3.81	300	12	EK381V-XXP	109		5.08	300	20	EK508R-XXP	112	
3.81	300	12	EK381V3L-XXP	109	Triple decked	5.08	300	20	EK508V-XXP	112	
3.81	300	12	EK381V4L-XXP	109	Double decked	5.08	300	20	EK508V2L-XXP	113	Double decked
3.81	300	15	EESK381V-XXP	110	High profile	5.08	300	20	EK508V3L-XXP	113	Triple decked
3.81	300	15	ESK381R-XXP	110		5.08	300	20	EK508V4L-XXP	113	Double decked
3.81	300	15	ESK381V-XXP	109		5.08	300	20	ESK508V3L-XXP	113	Triple decked
3.81	300	15	ESK381V4L-XXP	110		5.08	300	20	ESK508V4L-XXP	113	Double decked
5.00	300	13.5	ELK500B-XXP	110	Low profile	5.08	300	23	ESK508V-XXP	114	
5.00	300	13.5	ELK500S-XXP	110	Low profile	5.08	300	25	E2HK508V-XXPAM	114	High profile
5.00	300	13.5	ELK500V-XXP	110	Low profile	5.08	300	25	EEHK2V-XXP	113	Double decked
5.00	300	20	E2HK500V-XXPAM	112	High profile	5.08	300	25	EHK2V-XXP	113	
5.00	300	20	E3K500V-XXP	111	High profile	5.08	300	25	EHK508V2L-XXP	114	Double decked
5.00	300	20	EEK500V-XXP	111		5.08	300	25	EHK508V3L-XXP	114	Triple decked
5.00	300	20	EHK5V3L-XXP	111		6.35	300	30	DT-2300-XXP	117	
5.00	300	20	EK500A-XXP	111		6.35	300	30	DT-2301-XXP	117	
5.00	300	20	EK500R-XXP	111		6.35	300	30	EKB635V-XXP	114	Double decked
5.00	300	20	EK500V-XXP	111		6.35	300	30	ESK635V-XXP	114	
5.00	300	20	EK500V2L-XXP	112	Double decked	6.35	600	35	EPK635VN-XXP	113	
5.00	300	20	EK500V3L-XXP	112	Triple decked	7.50	300	20	EK750V-XXP	114	
5.00	300	20	EK500V4L-XXP	112		7.50	300	25	EHK7V-XXP	113	
5.00	300	20 / 26	DT-123RA-XXP	117		7.50	300	20 / 26	DT-123RA-XXP3	117	
5.00	300	20 / 26	DT-123VA-XXP	117		7.50	300	20 / 26	DT-123VA-XXP3	117	
5.00	300	25	EHK500R-XXP	112		7.50	300	30	ESK750V-XXP	114	
5.00	300	25	EHK5V-XXP	112		7.50	600	20	DT-123HVR-XXP	118	



Screw Connection PCB Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
7.62	300	25	EHK3V-XXP	115		10.16	300	65	ESKW116V-XXP	116	
7.62	300	30	DT-2320-XXP	118		10.16	300 / 600	65 / 5	ESK116R-XXPAM	116	
7.62	300	30	DT-2321-XXP	118		10.16	300 / 600	65 / 5	ESK116V-XXP	116	
7.62	300	30	EKB762V-XXP	116		10.16	600	57(sol) / 65(str)	EPK116VS-XXP	115	
7.62	300	30	ESK762V-XXP	116		10.16	600	57(sol) / 65(str)	EPK116VN-XXP	115	
9.52	300	30	EK950V-XXP	115		15.00	600	115	ESK150V-XXP	115	
9.52	600	30	EK950HVN-XXP	115		15.00	600	115	ESK150VM-XXP	115	
10.00	300	65	PDS-10-XX	118		17.50	600	160	ESK175V-XXP	116	
10.00	300		PDS-10A-XX	118		17.50	600	160	ESK175VM-XXP	116	
10.00	300	65	PDS-10S-XX	118		20.00	600	200	ESK200VM-XXP	116	
10.00	300		PDS-10SA-XX	118							



PCB Terminal Blocks for I/O Enclosures

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
3.81	150	8	BST-111-05	127		5.00	300	20	0189-213PL	129	
3.81	150	8	BST-112-05	127		5.00	300	20	0189-213PR	130	
3.81	150	8	BST-120-05	127		5.00	300	20	0189-214PL	129	
3.81	150	8	BST-220-05	127		5.00	300	20	0189-214PR	130	
5.00	300	10	5ES-2PL	129		5.08	300	8	0228-21XX	128	
5.00	300	10	5ES-2PR	130		5.08	300	8	0228-22XX	128	
5.00	300	10	5ES-3PL	129		5.08	300	8	0228-23XX	128	
5.00	300	10	5ES-3PR	130		7.50	300	20	7ES-3PL	131	
5.00	300	10	5ES-4PL	129		7.50	300	20	7ES-3PR	131	
5.00	300	10	5ES-4PR	130		9.00	300	8	0171-10XX	128	Light pipe
5.00	300	15	5EH-2PL	129		9.00	300	8	0171-11XX	128	Light pipe
5.00	300	15	5EH-2PLL	129	THR	9.00	300	8	0171-60XX	128	
5.00	300	15	5EH-2PR	130		12.50	300	15	0171-20XX	128	Light pipe
5.00	300	15	5EH-2PRL	130	THR	12.50	300	15	0171-21XX	128	Light pipe
5.00	300	15	5EH-3PL	129							
5.00	300	15	5EH-3PLL	129	THR						
5.00	300	15	5EH-3PR	130							
5.00	300	15	5EH-3PRL	130	THR						
5.00	300	15	5EH-4PL	129							
5.00	300	15	5EH-4PLL	129	THR						
5.00	300	15	5EH-4PR	130							
5.00	300	15	5EH-4PRL	130	THR						
5.00	300	20	0189-202PL	129							
5.00	300	20	0189-202PR	130							
5.00	300	20	0189-203PL	129							
5.00	300	20	0189-203PR	130							
5.00	300	20	0189-204PL	129							
5.00	300	20	0189-204PR	130							
5.00	300	20	0189-212PL	129							
5.00	300	20	0189-212PR	130							

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DEG/DMEN Electronic Housing & DMER Component Housing

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
	250	12	DEGM-12P	133			300	20	DMER-41	135	
	250	15	DMUG-22	134			500	10	DEG-02P	133	
	250	15	DMUG-45	134			500	10	DEG-04P	133	
	250	12	DMEN-S2P	134			500	10	DEGH-03P	134	
	250	12	DMEN-S3P	134			500	10	DEGH-06P	134	
	250	12	DMEN-S4P	134					DMM-2251-22	132	
	250	12	DMEN-T2P	134					DMM-2252-22	132	
	250	12	DMEN-T3P	134					DMM-2251-33	132	
	250	12	DMEN-T4P	134					DMM-2252-33	132	
	250	12	DMES-T2P	134					DMM-2254-33	132	
	300	12	DEGM-03P	133					DMER-10	135	
	300	12	DEGM-06P	133							

Panel Feed-through Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
8.10	300	30	PPACN-4	139		12.10	600	85	PPAC-16	140	
8.10	300	30	PPACNV-4	139		12.10	600	85	PPACV-16	140	
10.00	300	30	PPAC-4SS	141		12.10	600	85	PPAC-16AS	140	
10.00	300		PPAC-4SSG	141	Grounding	12.10	600	85	PPACV-16AS	140	
10.00	300	65	PPAC-10SS	141		15.10	300	115	PPAC-25	140	
10.00	300		PPAC-10SSG	141		15.10	300	115	PPAC-25AS	140	
10.10	300	65	PPACN-10	139		15.10	300	85	PPAC-25SS	142	
10.10	300	65	PPACN-10AS	139		18.80	600	150	PPAC-50	140	
10.10	300	65	PPACN-10Z	139		18.80	300/600	150/5	PPAC-50AS	140	
12.10	300	85	PPAC-16SS	141		25.00	600	230	PPAC-95	141	
12.10	300		PPAC-16SSG	141		25.00	600	230	PPAC-95MAS	141	

PCB Carrier Din Rail / Panel Mounting

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
			0040-0101E	136					0040-0217E	136	
			0040-0102E	136					0040-0218E	136	
			0040-0103E	136					0040-0219E	136	
			0040-0104E	136					0040-0220E	136	
			0040-0105E	136					0040-0221E	136	
			0040-0106E	136					0040-0222E	136	
			0040-0107E	136					0040-0223E	136	
			0040-0108E	136					0040-0224E	136	
			0040-0212E	136					0040-0225E	136	
			0040-0213E	136					0040-0226E	136	
			0040-0214E	136					0040-0227E	136	
			0040-0215E	136					0040-0228E	136	
			0040-0216E	136					0040-0229E	136	

PCB Carrier Din Rail/ Panel Mounting

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
			0040-0301E	137					0040-0322E	137	
			0040-0302E	137					0040-0324E	37	
			0040-0303E	137					0040-0326E	137	
			0040-0305E	137			250	10	RYPSA-04N	138	
			0040-0308E	137			250	10	RYPSM-05F	138	
			0040-0311E	137			250	10	RYPS-05N	138	
			0040-0314E	137			250	10	RYPS-08N	138	
			0040-0316E	137					KMRT-XXXX	138	
			0040-0318E	137					KMRF-XXXX	138	
			0040-0320E	137					KMRH-K175	138	

Barrier Type Terminal Blocks

Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
7.62	300	10	0186-10XX	147		11.00	600	40	DT-66-B02W-XX	149	
7.62	300	15	DT-25-A02W-XX	145		13.00	600	40	DT-7C-A02W-XX	150	
7.62	300	15	DT-25-B01W-XX	145		13.00	600	40	DT-7C-B01W-XX	150	
7.62	300	15	DT-25-B07W-XX	146		13.00	600	40	DT-7C-B18W-XX	150	
7.62	300	15	DT-25-B14W-XX	146		16.00	600	50	0032-11XX	151	
7.62	300	15	DT-2G-A02W-XX	145		16.00	600	65	0166-80XX	151	
7.62	300	15	DT-2G-B01W-XX	145		16.00	600	65	0166-80XXC	151	
7.62	300	15	DT-2G-B14W-XX	146		Triple Barrier, Single Row					
8.25	300	20	DT-31-B01W-XX	146		6.35	300	15	DT-29-B01W-XX	152	
8.25	300	20	DT-35-A02W-XX	146		6.35	300	15	DT-29-B02W-XX	152	
8.25	300	20	DT-35-B01W-XX	146		7.62	300	6	0032-09XX	152	
8.89	300	15	DT-3C-B01W-XX	148		7.62	300	10	0032-14XX	153	
8.89	300	15	DT-89-B01W-XX	148		7.90	300	30	0167-10XX	154	
9.50	300	25	DT-45-A02W-XX	147		8.25	300	20	DT-39-B01W-XX	153	
9.50	300	25	DT-45-B01W-XX	147		8.25	300	20	DT-39-B02W-XX	153	
9.50	300	20	DT-4C-B01W-XX	147		8.80	600	20	0167-90XX	154	
9.50	300	20	DT-4C-B14W-XX	147		9.50	300	25	DT-49-B01W-XX	153	
10.00	300	20	DT-5C-B01W-XX	149		9.50	300	25	DT-49-B02W-XX	153	
10.00	300	20	DT-5C-B81W-XX	148		9.50	300	25	DT-49-C91W-XX	154	
10.00	300	20	DT-5C-B84W-XX	148		10.00	300	45	0186-40XX	154	
10.00	300	25	DT-55-B01W-XX	148		11.00	300	30	DT-69-B01W-XX	154	
10.00	300	25	DT-55-B14W-XX	148		11.00	300	30 / 50	0167-52XX	155	
11.00	300	40	DT-66-B01W-XX	149		11.00	600	20 / 45	DT-69-H53W-XX	155	
11.00	300	40	DT-66-B11W-XX	150		11.00	600	30 / 50	0167-50XX	155	
11.00	300	40	DT-66-C01W-XX	149		12.70	600	43(sol)/45(str)	DT-79-B01W-XX	156	
11.00	300	40	DT-66-C11W-XX	150		13.00	300	65	0167-80XX	156	
11.00	300	25	DT-65-A02W-XX	150		13.00	300	65	0167-80XXC	156	
11.00	300	25	DT-65-B01W-XX	150		13.00	600	20	0167-70XX	156	
11.00	300	25	DT-65-B14W-XX	150							

Barrier Type Terminal Blocks

A15

Voltage (V)	Current (A)	Part number	Page	Remarks	Pitch (mm)	Voltage (V)	Current (A)	Part number	Page	Remarks
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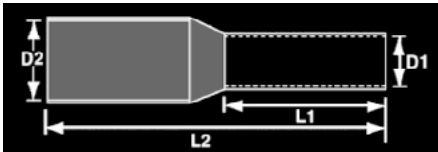
A16

A technical diagram showing a cross-section of a bolted joint. A bolt is inserted through a plate, and a nut is tightened on the other side. A U-bolter is shown passing through the plate, and a nut is tightened on the other side of the U-bolter. The diagram illustrates the assembly of the U-bolter and the nut.

A technical diagram of a bolted joint. It shows a bolt passing through a plate, with a spring washer (a coiled spring) positioned between the bolt head and the plate. A nut is threaded onto the end of the bolt. A horizontal arrow points to the right, indicating the direction of the applied force.

Iron soldering

Wire Ferrules



Unit:mm

Part No.	Wire Range		Dimension Unit : mm ²		Dimension Unit : mm		DIN Color	Package		Tools
	AWG	mm ²	D1	D2	L1	L2		pcs/bag	bags/box	
DN00206D	24	0.2	0.75	1.9	6	10	● Light Blue	1000	10	Note: The wire diameter of the table is determined according to UL486E, IEC998-1 and IEC947-7. Please refer to the table to select suitable ferrules. All recommended ferrules in this catalogue are in accordance with this table.
DN00208D					8	12				
DN00306D	22	0.34	0.8	1.9	6	10	● Turouise			
DN00308D					8	12				
DN00506D	20	0.5	1	2.6	6	12	○ White	500	8	
DN00508D					8	14				
DN00510D					10	16				
DN00706D	18/20	0.75	1.2	2.8	6	12	● Grey			
DN00708D					8	14				
DN00710D					10	16				
DN00712D					12	18				
DN01006D	18	1	1.4	3	6	12	● Red		6	
DN01008D					8	14				
DN01010D					10	16				
DN01012D					12	18				
DN01508D	16	1.5	1.7	3.5	8	14	● Black	500	4	
DN01510D					10	16				
DN01512D					12	18				
DN01518D					18	24				
DN02508D	14	2.5	2.2	4.2	8	14	● Blue	500	3	
DN02510D					10	16				
DN02512D					12	18				
DN02518D					18	24				
DN04010D	12	4	2.8	4.8	10	17	● Grey	500	2	
DN04012D					12	20				
DN04018D					18	26				
DN06012D	10	6	3.5	6.3	12	20	● Yellow			200
DN06018D					18	26				
DN10012D	8	10	4.5	7.6	12	22	● Red			
DN10018D					18	28				
DN16012D	6	16	5.8	8.8	12	22	● Blue			
DN16018D					18	28				
DN25016D	4	25	7.3	11.2	16	30	● Yellow	100	1	
DN25018D					18	30				
DN25022D					22	36				
DN35016D	2	35	8.3	12.7	16	30	● Red			
DN35018D					18	32				
DN35025D					25	39				
DN50020D	1	50	10.3	15	20	36	● Blue	50		
DN50025D					25	40				
DN70021D	2/0	70	13.5	16	21	37	● Yellow	50	1	
DN95025D	3/0	95	14.7	18	25	44	● Red			
DN96027D	4/0	120	16.7	20	27	48	● Blue			
DN97032D	250kcmil	150	19.5	23	32	58	● Yellow			



DNT13-0102
28-7 AWG
0.08-10 mm²



DNT13-0102
28-7 AWG
0.08-10 mm²

Wire Ferrules

PID connection PCB connectors



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1
30~20	0156-1AXX-BK	17	8	DN00308D	22	0.34	8	28~16	0225-01XX	23	9	DN01010D	/	1	10
	0156-1BXX-BK	16	8	DN00208D	24	0.25	8		0225-02XX	23	9	DN00710D	18	0.75	10
	0156-1CXX-BK	17	8						0225-03XX	24	9	DN00510D	20	0.5	10
	0156-1DXX-BK	17	8						0225-06XX	24	9	DN00308D	22	0.34	8
30~12	0189-25XX	130	11~12	DN02512D	14	2.5	12		0225-07XX	24	9	DN00208D	24	0.25	8
				DN01512D	16	1.5	12		0225-08XX	24	9				
				DN01012D	18	1	12	28~16	0225-04XX	29	9	DN01008D	/	1	8
				DN00712D	18/20	0.75	12		0225-05XX	29	9	DN00708D	18	0.75	8
				DN00510D	20	0.5	10		0225-09XX	29	9	DN00508D	20	0.5	8
				DN00308D	22	0.34	8		0225-0AXX	30	9	DN00308D	22	0.34	8
DN00208D	24	0.25	8												
28~20	ESC250L-XXP	41	9	DN00308D	22	0.34	8	28~16	0256-11XX	3	10	DN00710D	18	0.75	10
	ESC250V-XXP	41	9	DN00208D	24	0.25	8		0256-12XX	3	10	DN00510D	20	0.5	10
28~16	0156-2AXX-BK	19	8	DN01010D	/	1	10		0256-13XX	3	10	DN00308D	22	0.34	8
	0156-2BXX-BK	19	8	DN00710D	18	0.75	10		0256-14XX	4	10	DN00208D	24	0.25	8
	0156-2CXX-BK	19	8	DN00508D	20	0.5	8		0256-21XX	3	10				
	0156-2DXX-BK	19	8	DN00308D	22	0.34	8		0256-22XX	3	10				
28~16	0191-01XX	89	9	DN00710D	18	0.75	10		0256-23XX	3	10				
	0191-01XXC	89	9	DN00510D	20	0.5	10		0256-24XX	4	10				
	0191-02XX	89	9	DN00308D	22	0.34	8		0256-31XX	3	10				
	0191-02XXC	89	9	DN00208D	24	0.25	8		0256-32XX	3	10				
28~16	0218-21XX	4	9~10	DN00710D	18	0.75	10		0256-33XX	3	10				
	0218-21XXM0256-11	96	9~10	DN00510D	20	0.5	10		0256-34XX	4	10				
	0218-21XXM0256-21	96	9~10	DN00308D	22	0.34	8		0256-61XX	5	10				
	0218-21XXM0256-31	96	9~10	DN00208D	24	0.25	8		0256-62XX	5	10				
	0218-23XX	4	9~10						0256-63XX	5	10				
	0218-23XXM0256-13	96	9~10					0256-64XX	6	10					
	0218-23XXM0256-23	96	9~10					28~16	0256-71XX	5	10	DN00710D	18	0.75	10
	0218-23XXM0256-33	96	9~10						0256-72XX	5	10	DN00510D	20	0.5	10
	0218-25XX	4	9~10						0256-73XX	5	10	DN00308D	22	0.34	8
	0218-25XXM0256-11	96	9~10						0256-74XX	6	10	DN00208D	24	0.25	8
	0218-25XXM0256-21	96	9~10						0256-81XX	5	10				
	0218-25XXM0256-31	96	9~10						0256-82XX	5	10				
	0218-27XX	4	9~10						0256-83XX	5	10				
	0218-27XXM0256-13	96	9~10					0256-84XX	6	10					
	0218-27XXM0256-23	96	9~10					28~16	ESC350V-XXP	42	10~11	DN00710D	18	0.75	10
	0218-27XXM0256-33	96	9~10						ESC350VK-XXP	42	10~11	DN00508D	20	0.5	8
	0218-2GXX	4	9~10						ESC350VM-XXP	42	10~11	DN00308D	22	0.34	8
	0218-2GXXM0256-13	95	9~10									DN00208D	24	0.25	8
	0218-2GXXM0256-33	95	9~10					28~16	ESC381V-XXP	42	10~11	DN01010D	/	1	10
					ESC381VK-XXP	42	10~11		DN00710D	18	0.75	10			
				ESC381VM-XXP	42	10~11	DN00508D		20	0.5	8				
									DN00308D	22	0.34	8			
									DN00208D	24	0.25	8			

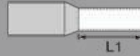
Wire Ferrules

PID connection PCB connectors



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1	
28~16	ESC508V-XXP	44	10~11	DN01010D	/	1	10	26~12	0161-01XX	93	13	DN02512D	14	2.5	12	
	ESC508VM-XXP	44	10~11	DN00708D	18	0.75	8		0161-02XX	93	13	DN01510D	16	1.5	10	
				DN00508D	20	0.5	8		0161-03XX	93	13	DN01010D	/	1	10	
				DN00308D	22	0.34	8		0161-04XX	93	13	DN00710D	18	0.75	10	
				DN00208D	24	0.25	8					DN00510D	20	0.5	10	
28~14	0229-A5XXY	98	9	DN01508D	16	1.5	8	26~12	0227-01XX	27	12~13	DN02512D	14	2.5	12	
	0229-A9XXY	98	9	DN01008D	/	1	8		0227-02XX	27	12~13	DN01510D	16	1.5	10	
	0229-F4XX	98	9	DN00708D	18	0.75	8		0227-03XX	27	12~13	DN01010D	/	1	10	
	0229-F5XX	98	9	DN00508D	20	0.5	8		0227-04XX	27	12~13	DN00710D	18	0.75	10	
	0229-F5XXY	98	9	DN00308D	22	0.34	8		0227-06XX	28	12~13	DN00510D	20	0.5	10	
	0229-F9XX	98	9	DN00208D	24	0.25	8		0227-07XX	28	12~13	DN00308D	22	0.34	8	
	0229-F9XXY	98	9						0227-08XX	28	12~13	DN00208D	24	0.25	8	
	0229-FAXX	98	9						0227-09XX	28	12~13					
	0229-M5XXY	98	9						26~12	0257-11XX	7	10~12	DN02512D	14	2.5	12
	0229-M9XXY	98	9					0257-12XX		7	10~12	DN01512D	16	1.5	12	
28~12	0234-20XX-MW	40	10	DN01510D	16	1.5	10	26~12	0257-14XX	7	10~12	DN01012D	/	1	12	
	0234-30XX-MW	40	10	DN01010D	/	1	10		0257-21XX	7	10~12	DN00712D	18	0.75	12	
				DN00710D	18	0.75	10		0257-22XX	7	10~12	DN00508D	20	0.5	10	
				DN00510D	20	0.5	10		0257-24XX	7	10~12	DN00308D	22	0.34	8	
				DN00308D	22	0.34	8		0257-31XX	7	10~12	DN00208D	24	0.25	8	
				DN00208D	24	0.25	8		0257-32XX	7	10~12					
28~12	0254-20XX	40	14	DN00510D	20	0.5	10		26~12	0257-34XX	7	10~12				
	0254-30XX	40	14	DN01012D	/	1	12			0257-61XX	8	10~12				
				DN01512D	16	1.5	12			0257-62XX	8	10~12				
				DN00712D	18	0.75	12			0257-64XX	8	10~12				
26~18	0157-1BXX	18	8	DN00308D	22	0.34	8	26~12		0257-71XX	8	10~12	DN02512D	14	2.5	12
				DN00208D	24	0.25	8			0257-72XX	8	10~12	DN01512D	16	1.5	12
26~18	0288-1AXX	15	7~8	DN00308D	22	0.34	8		0257-74XX	8	10~12	DN01012D	18	1	12	
	0288-1DXX	16	7~8	DN00508D	20	0.5	8		0257-81XX	8	10~12	DN00712D	18	0.75	12	
	0288-2AXX	95	7~8						0257-82XX	8	10~12	DN00510D	20	0.5	10	
	0288-AAXX	95	7~8						0257-84XX	8	10~12	DN00308D	22	0.34	8	
	0288-ADXX	95	7~8								DN00208D	24	0.25	8		
26~16	0156-9BXX	19	11~12	DN01010D	/	1	10	26~12	2ESDS-XXP	44	11~12	DN02510D	14	2.5	10	
	0156-9CXX	19	11~12	DN00710D	18	0.75	10		2ESDSM-XXP	44	11~12	DN01510D	16	1.5	10	
	0156-9AXX	20	11~12	DN00510D	20	0.5	10		2ESDSR-XXP	44	11~12	DN01010D	/	1	10	
	0156-9DXX	20	11~12	DN00308D	22	0.34	8		2ESDSRM-XXP	44	11~12	DN00710D	18	0.75	10	
26~12	0121-01XX	45	12	DN02512D	14	2.5	12					DN00510D	20	0.5	10	
				DN01512D	16	1.5	12					DN00308D	22	0.34	8	
				DN01010D	/	1	10		26~12	2ESDSV-XXP	45	13	DN02512D	14	2.5	12
				DN00710D	18	0.75	10	2ESDSVK-XXP		45	13	DN01510D	16	1.5	10	
				DN00510D	20	0.5	10	2ESDSVM-XXP		45	13	DN01010D	/	1	10	
				DN00308D	22	0.34	8					DN00710D	18	0.75	10	
				DN00208D	24	0.25	8					DN00510D	20	0.5	10	

PID connection PCB connectors



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1	
26~12	2ESR-XXP	36	11	DN02512D	14	2.5	12	24~16	0184-11XX	125	9	DN00710D	18	0.75	10	
	2ESRK-XXP	36	11	DN01512D	16	1.5	12		0184-13XX	125	9	DN00510D	20	0.5	10	
	2ESRM-XXP	36	11	DN01012D	/	1	12		0184-15XX	125	9	DN00308D	22	0.34	8	
	2ESV-XXP	36	11	DN00712D	18	0.75	12		0184-16XX	125	9	DN00208D	24	0.25	8	
	2ESVK-XXP	36	11	DN00510D	20	0.5	10	24~16	0184-31XX	126	8~9	DN01010D	/	1	10	
	2ESVM-XXP	36	11						0184-33XX	126	8~9	DN00710D	18	0.75	10	
26~12	3ESDS-XXP	46	11~12	DN02510D	14	2.5	10	24~16	0184-35XX	126	8~9	DN00510D	20	0.5	10	
	3ESDSM-XXP	46	11~12	DN01510D	16	1.5	10		0184-36XX	126	8~9	DN00308D	22	0.34	8	
	3ESDSR-XXP	46	11~12	DN01010D	/	1	10					DN00208D	24	0.25	8	
	3ESDSRH-XXP	46	9	DN00710D	18	0.75	10	24~16	0191-04XX	89	8	DN01010D	/	1	10	
	3ESDSRHM-XXP	46	9	DN00510D	20	0.5	10		0191-04XXC	89	8	DN00710D	18	0.75	10	
	3ESDSRM-XXP	46	11~12	DN00308D	22	0.34	8					DN00508D	20	0.5	8	
			DN00208D	24	0.25	8					DN00308D	22	0.34	8		
											DN00208D	24	0.25	8		
26~12	5ESDS-XXP	43	11~12	DN02510D	14	2.5	10	24~16	0191-06XX	88	9	DN00710D	18	0.75	10	
	5ESDSM-XXP	43	11~12	DN01510D	16	1.5	10		0191-06XXC	88	9	DN00510D	20	0.5	10	
	5ESDSR-XXP	43	10~11	DN01010D	/	1	10					DN00308D	22	0.34	8	
	5ESDSRM-XXP	43	10~11	DN00710D	18	0.75	10					DN00208D	24	0.25	8	
				DN00510D	20	0.5	10	24~16	0221-20XX	31	10	DN01010D	/	1	10	
				DN00308D	22	0.34	8		0221-21XX	32	10	DN00710D	18	0.75	10	
			DN00208D	24	0.25	8	0221-24XX		32	10	DN00510D	20	0.5	10		
							0221-28XX		32	10	DN00308D	22	0.34	8		
							0221-29XX		32	10	DN00208D	24	0.25	8		
							0221-42XX		33	10	DN01010D	/	1	10		
26~12	5ESR-XXP	34	11	DN02512D	14	2.5	12	24~16	0221-43XX	33	10	DN00710D	18	0.75	10	
	5ESRK-XXP	34	11	DN01510D	16	1.5	10		0221-44XX	33	10	DN00510D	20	0.5	10	
	5ESRM-XXP	34	11	DN01010D	/	1	10		24~16	0226-01XX	25	9	DN01010D	/	1	10
	5ESV-XXP	34	11	DN00710D	18	0.75	10	0226-02XX		25	9	DN00710D	18	0.75	10	
	5ESVK-XXP	34	11	DN00510D	20	0.5	10	0226-03XX		25	9	DN00510D	20	0.5	10	
	5ESVM-XXP	34	11	DN00308D	22	0.34	8	0226-06XX	26	9	DN00308D	22	0.34	8		
			DN00208D	24	0.25	8	0226-07XX	26	9	DN00208D	24	0.25	8			
24~16	0159-01XX	21	10	DN01010D	/	1	10	24~16	0226-08XX	26	9					
	0159-03XX	21	10	DN00710D	18	0.75	10		24~12	0150-20XX	37	12	DN01512D	16	1.5	12
	0159-04XX	21	10	DN00510D	20	0.5	10			0150-30XX	38	12	DN01010D	/	1	10
	0159-05XX	22	10	DN00308D	22	0.34	8						DN00710D	18	0.75	10
	0159-07XX	22	10	DN00208D	24	0.25	8						DN00508D	20	0.5	8
	0159-08XX	22	10										DN00308D	22	0.34	8
24~16	0181-A1XX	92	10	DN01010D	/	1	10					DN00208D	24	0.25	8	
	0181-A3XX	92	10	DN00710D	18	0.75	10	24~12	2ESDB-XXP	94	12	DN02512D	14	2.5	12	
				DN00510D	20	0.5	10		2ESDBA-XXP	94	12	DN01512D	16	1.5	12	
				DN00308D	22	0.34	8		2ESDBAM-XXP	94	12	DN01012D	/	1	12	
				DN00208D	24	0.25	8		2ESDBM-XXP	94	12	DN00710D	18	0.75	10	

Wire Ferrules

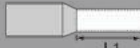
PID connection PCB connectors

PID connection PCB connectors



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1
24~12	2ESS-XXP	35	11	DN02512D	14	2.5	12	20~4	0187-A4XX	94	18~20	DN10018D	8	10	18
	2ESSM-XXP	35	11	DN01510D	16	1.5	10					DN06018D	10	6	18
				DN01010D	/	1	10					DN04018D	12	4	18
				DN00710D	18	0.75	10					DN02518D	14	2.5	18
				DN00510D	20	0.5	10					DN01518D	16	1.5	18
				DN00308D	22	0.34	8					DN01012D	/	1	12
				DN00208D	24	0.25	8					DN00712D	18	0.75	12
20~12	0150-40XX	38	13	DN01512D	16	1.5	12	20~8	0258-61XX	10	12~14	DN06012D	10	6	12
				DN01010D	/	1	10					DN04012D	12	4	12
				DN00710D	18	0.75	10					DN02512D	14	2.5	12
				DN00508D	20	0.5	8					DN01512D	16	1.5	12
				DN00308D	22	0.34	8					DN01012D	/	1	12
				DN00208D	24	0.25	8					DN00712D	18	0.75	12
												DN00510D	20	0.5	10
												DN00308D	22	0.34	8
												DN00208D	24	0.25	8

Screw connection PCB connectors

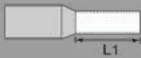
Screw connection PCB connectors																								
Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules												
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1									
30~14	EC508V-XXP	52	6~7	DN01006D	/	1	6	30~12	2ESDA-XXP	55	7~8	DN02508D	14	2.5	8									
	EC508VM-XXP	52	6~7	DN00706D	18	0.75	6		2ESDAM-XXP	55	7~8	DN01508D	16	1.5	8									
				DN00506D	20	0.5	6		2ESDL-XXP	56	7~8	DN01008D	/	1	8									
				DN00306D	22	0.34	6		2ESDP-XXP	55	7~8	DN00708D	18	0.75	8									
				DN00206D	24	0.25	6		2ESDPL-XXP	56	7~8	DN00508D	20	0.5	8									
30~14	ECSH381MK-XXP	122	7	DN01006D	/	1	6		2ESDPLM-XXP	56	7~8	DN00308D	22	0.34	8									
	ECSH381K-XXP	122	7	DN00706D	18	0.75	6		2ESDPM-XXP	55	7~8	DN00208D	24	0.25	8									
	ECSH381V-XXP	122	7	DN00506D	20	0.5	6		2ESDV-XXP	55	6~7													
	ECSH381VM-XXP	122	7	DN00306D	22	0.34	6		2ESDVH-XXP	54	6~7													
				DN00206D	24	0.25	6		2ESDVM-XXP	55	6~7													
30~14	EC381F-XXP	50	8	DN01008D	/	1	8	2ESDVNM-XXP	56	6~7	30~12					2ESDVS-03P	55	7~8	2ESDVB-XXP	92	7~8	DN02510D	14	2.5
	EC381FM-XXP	50	8	DN00708D	18	0.75	8	2ESDVBM-XXP	92	7~8		DN01510D	16	1.5	10									
				DN00508D	20	0.5	8	DN01010D	/	1		10												
				DN00308D	22	0.34	8	DN00710D	18	0.75		10												
				DN00208D	24	0.25	8	DN00510D	20	0.5		10												
30~14	EC350F-XXP	50	9	DN01008D	/	1	8	30~12										DN00308D				22	0.34	8
	EC350FM-XXP	50	9	DN00708D	18	0.75	8											DN00208D				24	0.25	8
				DN00508D	20	0.5	8																	
				DN00308D	22	0.34	8																	
				DN00208D	24	0.25	8																	

Screw connection PCB connectors

Screw connection PCB connectors																		
Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules						
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1			
30~12	3ESDP-XXP	57	7~8	DN02508D	14	2.5	8	30~8	EC762HLNM-XXP	63	10~11	DN04010D	12	4	10			
	3ESDPL-XXP	57	7~8	DN01508D	16	1.5	8		EC762HV-XXP	63	10~11	DN02512D	14	2.5	12			
	3ESDPLM-XXP	57	7~8	DN01008D	/	1	8		EC762HVM-XXP	63	10~11	DN01510D	16	1.5	10			
	3ESDPM-XXP	57	7~8	DN00708D	18	0.75	8		EC762HVN-XXP	63	10~11	DN01010D	/	1	10			
	3ESDV-XXP	57	7~8	DN00508D	20	0.5	8		EC762HVM-XXP	63	10~11	DN00708D	18	0.75	8			
	3ESDVH-XXP	58	7~8	DN00308D	22	0.34	8					DN00508D	20	0.5	8			
	3ESDVHM-XXP	58	7~8	DN00208D	24	0.25	8					DN00308D	22	0.34	8			
	3ESDVM-XXP	57	7~8									DN00208D	24	0.25	8			
30~12	5ESDA-XXP	53	7~8	DN02508D	14	2.5	8	30~8	EC762H-XXP	80	11	DN06018D	10	6	18			
	5ESDAM-XXP	53	7~8	DN01508D	16	1.5	8					DN04012D	12	4	12			
	5ESDP-XXP	53	7~8	DN01008D	/	1	8					DN02512D	14	2.5	12			
	5ESDPL-XXP	54	7~8	DN00708D	18	0.75	8					DN01510D	16	1.5	10			
	5ESDPLM-XXP	54	8	DN00508D	20	0.5	8					DN01010D	/	1	10			
	5ESDPM-XXP	53	8	DN00308D	22	0.34	8					DN00710D	18	0.75	10			
	5ESDV-XXP	53	6~7	DN00208D	24	0.25	8					DN00510D	20	0.5	10			
	5ESDVM-XXP	53	6~7									DN00308D	22	0.34	8			
30~12	5ESDTS-XXP	51	7~8	DN02510D	14	2.5	10	30~8	ECSH762FS-XXP	123	11	DN04012D	12	4	12			
				DN01510D	16	1.5	10					ECSH762SS-XXP	123	11	DN02512D	14	2.5	12
				DN01008D	/	1	8					ECSH762V-XXP	123	11	DN01510D	16	1.5	10
				DN00708D	18	0.75	8								DN01010D	/	1	10
				DN00508D	20	0.5	8								DN00710D	18	0.75	10
				DN00308D	22	0.34	8								DN00510D	20	0.5	10
				DN00208D	24	0.25	8								DN00308D	22	0.34	8
30~12	7ESDP-XXP	57	7~8	DN02508D	14	2.5	8	28~14	CPC350-XXP	126	6	DN01006D	18	1	6			
	7ESDPL-XXP	57	7~8	DN01508D	16	1.5	8					DN00706D	18/20	0.75	6			
	7ESDPLM-XXP	57	7~8	DN01008D	/	1	8					DN00506D	20	0.5	6			
	7ESDPM-XXP	57	7~8	DN00708D	18	0.75	8					DN00306D	22	0.34	6			
	7ESDV-XXP	57	7~8	DN00508D	20	0.5	8					DN00206D	24	0.25	6			
	7ESDVM-XXP	57	7~8	DN00308D	22	0.34	8											
	7ESDVM-XXP	57	7~8	DN00208D	24	0.25	8											
30~10	EC762V-XXP	63	10~11	DN04012D	12	4	12	28~14	EC350R-XXP	49	7	DN01008D	/	1	8			
				DN02508D	14	2.5	8					EC350RL-XXP	49	7	DN00708D	18	0.75	8
				DN01508D	16	1.5	8					EC350RLM-XXP	49	7	DN00508D	20	0.5	8
				DN01008D	/	1	8					EC350RM-XXP	49	7	DN00308D	22	0.34	8
				DN00708D	18	0.75	8					EC350V-XXP	49	7	DN00206D	24	0.25	6
				DN00508D	20	0.5	8					EC350VM-XXP	49	7				
				DN00308D	22	0.34	8											
				DN00208D	24	0.25	8											

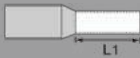
Wire Ferrules

Screw connection PCB connectors



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules						
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1			
28~14	EC381L-XXP	51	7	DN01008D	/	1	8	24~12	2ESH-XXP	122	7	DN02508D	14	2.5	8			
	EC381LM-XXP	51	7	DN00708D	18	0.75	8		2ESHM-XXP	122	7	DN01508D	16	1.5	8			
	EC381V-XXP	49	7	DN00508D	20	0.5	8					DN01008D	/	1	8			
	EC381VK-XXP	51	7	DN00308D	22	0.34	8					DN00708D	18	0.75	8			
	EC381VM-XXP	49	7	DN00206D	24	0.25	6					DN00508D	20	0.5	8			
	EC381R-XXP	49	7									DN00306D	22	0.34	6			
	EC381RL-XXP	49	7					24~12	5ESDF-XXP	52	9~10	DN02510D	14	2.5	10			
	EC381RLM-XXP	49	7						5ESDFM-XXP	52	9~10	DN01510D	16	1.5	10			
	EC381RM-XXP	49	7						2ESDF-XXP	53	10	DN01010D	/	1	10			
28~14	EC508F-XXP	52	9	DN01508D	16	1.5	8	24~12	2ESDFM-XXP	53	10	DN00710D	18	0.75	10			
	EC508FM-XXP	52	9	DN01008D	/	1	8					DN00510D	20	0.5	10			
				DN00708D	18	0.75	8					DN00308D	22	0.34	8			
				DN00508D	20	0.5	8					DN00208D	24	0.25	8			
				DN00308D	22	0.34	8		22~14	ED130F-XXP	88	6	DN01006D	/	1	6		
				DN00208D	24	0.25	8	ED130T-XXP		88	6	DN00706D	18	0.75	6			
28~12	3ESNP-XXP	61	7~8	DN02508D	14	2.5	8					DN00506D	20	0.5	6			
	3ESNPL-XXP	61	7~8	DN01508D	16	1.5	8				DN00306D	22	0.34	6				
	3ESNPLM-XXP	61	7~8	DN01008D	/	1	8				DN00206D	24	0.25	6				
	3ESNPLS-XXP	61	7~8	DN00708D	18	0.75	8	20~10	0183-01XX	64	9	DN04010D	12	4	10			
	3ESNPLSM-XXP	61	7~8	DN00508D	20	0.5	8		0183-01XXTXX	64	9	DN02510D	14	2.5	10			
	3ESNPM-XXP	61	7~8	DN00308D	22	0.34	8					DN01510D	16	1.5	10			
	3ESNPS-XXP	61	7~8	DN00208D	24	0.25	8					DN01010D	/	1	10			
	3ESNPSM-XXP	61	7~8									DN00710D	18	0.75	10			
	5ESDG-XXP	126	8									DN00510D	20	0.5	10			
	5ESDT-XXP	130	6~7									DN00308D	22	0.34	8			
											DN00208D	24	0.25	8				
28~10	3ESNPH-XXP	62	7~8	DN02508D	14	2.5	8	20~6	EC880HV-XXP	64	11~10	DN04012D	12	4.0	12			
	3ESNPHL-XXP	62	7~8	DN01508D	16	1.5	8		EC880HVT-XXP	64	11~10	DN02512D	14	2.5	12			
	3ESNPHLM-XXP	62	7~8	DN01008D	/	1	8					DN01512D	16	1.5	12			
	3ESNPHM-XXP	62	7~8	DN00708D	18	0.75	8					DN01012D	/	1.0	12			
	3ESNVH-XXP	62	7~8	DN00508D	20	0.5	8					DN00712D	18	0.8	12			
	3ESNVHM-XXP	62	7~8	DN00308D	22	0.34	8					DN00510D	20	0.5	10			
				DN00208D	24	0.25	8					DN00308D	22	0.3	8			
26~12	0164-01XX	90	7	DN02508D	14	2.5	8		20~2	EC150VM-XXP	66	19~20	DN35025D	2	35	25		
	0164-01XX(T)	90	7	DN01508D	16	1.5	8	DN25022D					4	25	22			
	0164-02XX	90	7	DN01008D	/	1	8	DN16018D					6	16	18			
	0164-A1XX	90	7	DN00708D	18	0.75	8	DN10018D					8	10	18			
	0164-A1XX(T)	90	7	DN00508D	20	0.5	8	DN06018D					10	6	18			
	0164-A2XX	90	7	DN00308D	22	0.34	8	DN04018D					12	4	18			
24~14				DN00208D	24	0.25	8								DN02518D	14	2.5	18
	0162-01XX	90	7	DN01006D	/	1	6								DN01518D	16	1.5	18
	0162-A1XX	90	7	DN00706D	18	0.75	6											
				DN00506D	20	0.5	6											
				DN00306D	22	0.34	6											
				DN00206D	24	0.25	6											

Screw connection PCB connectors



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1
16~6	EC116V-XXP	65	14~15	DN10018D	8	10	18								
	EC116VM-XXP	65	14~15	DN06018D	10	6	18								
	ECSH116K-XXP	98	14~15	DN04018D	12	4	18								
	ECSH116M-XXP	98	14~15	DN02518D	14	2.5	18								
	ECSH116MK-XXP	98	14~15	DN01518D	16	1.5	18								
	ECSH116V-XXP	98	14~15	DN01012D	/	1	12								
	ECSH116VM-XXP	124	14~15	DN00712D	18	0.75	12								
				DN00510D	20	0.5	10								

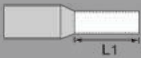
PID connection PCB terminal blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1
28~20	0136-10XX	101	8	DN00308D	22	0.34	8	28~16	0275-11XXY5	11	9~10	DN00710D	18	0.75	10
	0136-11XX	101	8	DN00208D	24	0.25	8					DN00510D	20	0.5	10
28~16	0136-20XX	102	9	DN00510D	20	0.5	10					DN00308D	22	0.34	8
	0136-21XX	102	9	DN00308D	22	0.34	8					DN00208D	24	0.25	8
	0136-22XX	102	9	DN00208D	24	0.25	8	28~16	0275-11XX	11	10~11	DN01010D	/	1	10
	0136-23XX	102	9						0290-11XX	11	9~10	DN00710D	18	0.75	10
28~16	0138-50XX	102	8~9	DN00710D	18	0.75	10					DN00508D	20	0.5	8
	0138-50XXL	102	8~9	DN00508D	20	0.5	8					DN00308D	22	0.34	8
	0138-50XXSMDWR	101	8~9	DN00308D	22	0.34	8				DN00208D	24	0.25	8	
	0138-51XX	102	8~9	DN00208D	24	0.25	8	28~14	0138-42XXL20	103	9	DN01010D	/	1	10
	0138-51XXL	102	8~9						0138-60XX	106	9	DN00710D	18	0.75	10
28~16	0151-01XX	103	10~11	DN01010D	/	1	10		0138-60XXL	106	9	DN00510D	20	0.5	10
	0151-01XXL	103	10~11	DN00710D	18	0.75	10		0138-61XX	106	9	DN00308D	22	0.34	8
	0151-02XX	103	10~11	DN00508D	20	0.5	8	0138-61XXL	106	9	DN00208D	24	0.25	8	
	0151-02XXL	103	10~11	DN00308D	22	0.34	8	26~18	0188-01XXL	100	8	DN00508D	20	0.5	8
				DN00208D	24	0.25	8		0188-02XXL	100	8	DN00308D	22	0.34	8
28~16	0152-01XX	104	8~9	DN01010D	18	1	10		0188-01XXSMDWR	100	8	DN00208D	24	0.25	8
	0152-02XX	104	8~9	DN00710D	18/20	0.75	10		0188-02XXSMDWR	100	8				
	0152-53XX	106	8~9	DN00510D	20	0.5	10	26~16(Sol) 24~20(Str)	0137-40XX	102	8~9	DN00710D	18	0.75	10
28~16	0152-03XX	104	8~9	DN01008D	/	1	8		0137-41XX	102	8~9	DN00508D	20	0.5	8
				DN00708D	18	0.75	8					DN00308D	22	0.34	8
				DN00508D	20	0.5	8					DN00208D	24	0.25	8
				DN00308D	22	0.34	8	26~16	0185-12XX	103	9	DN00710D	18	0.75	10
				DN00208D	24	0.25	8		0185-13XX	103	9	DN00510D	20	0.5	10
28~16	0188-12XXSMDWR	104	8~9	DN01008D	/	1	8					DN00308D	22	0.34	8
				DN00708D	18	0.75	8					DN00208D	24	0.25	8
				DN00508D	20	0.5	8								
				DN00308D	22	0.34	8								
				DN00208D	24	0.25	8								

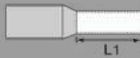
Wire Ferrules

PID connection PCB terminal blocks



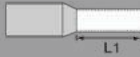
Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1
26~16	0137-11XX	104	10	DN01010D	/	1	10	24~12	0275-21XX	11	12	DN02512D	14	2.5	12
	0141-01XX	104	10	DN00710D	18	0.75	10		0290-21XX	11	12	DN01512D	16	1.5	12
	0141-21XX	106	10	DN00508D	20	0.5	8					DN01010D	/	1	10
	0141-22XX	104	10	DN00308D	22	0.34	8					DN00710D	18	0.75	10
	0141-24XX	106	10	DN00208D	24	0.25	8					DN00510D	20	0.5	10
	0185-31XX	91	9									DN00308D	22	0.34	8
	0185-32XX	91	9									DN00208D	24	0.25	8
26~16	0177-31XX	107	10	DN00710D	18	0.75	10	24~12	0276-21XX	11	10~12	DN04010D	14	2.5	10
	0177-33XX	107	10	DN00510D	20	0.5	10					DN02510D	16	1.5	10
				DN00308D	22	0.34	8					DN01510D	/	1	10
				DN00208D	24	0.25	8					DN00710D	18	0.75	10
26~14	0138-70XX	105	11	DN01012D	/	1	12					DN00510D	20	0.5	10
	0138-76XX	105	11	DN00712D	18	0.75	12					DN00308D	22	0.34	8
				DN00510D	20	0.5	10					DN00208D	24	0.25	8
				DN00308D	22	0.34	8	24~10	0177-76XX	108	14	DN04012D	12	4	12
				DN00208D	24	0.25	8		0177-78XX	108	14	DN02512D	14	2.5	12
26~12	0177-51XX	108	10	DN01510D	16	1.5	10					DN01510D	16	1.5	10
	0177-53XX	108	10	DN01010D	/	1	10					DN01010D	/	1	10
				DN00710D	18	0.75	10					DN00708D	18	0.75	8
				DN00510D	20	0.5	10				DN00508D	20	0.5	8	
				DN00308D	22	0.34	8				DN00308D	22	0.34	8	
				DN00208D	24	0.25	8				DN00208D	24	0.25	8	
24~18	0137-41XXM	103	7~8	DN00508D	20	0.5	8	24~8	0177-81XX	107	15	DN06018D	10	6	18
				DN00308D	22	0.34	8		0177-83XX	107	15	DN04012D	12	4	12
				DN00208D	24	0.25	8		0177-86XX	107	16	DN02512D	14	2.5	12
24~18	0191-05XX	89	7	DN00706D	18	0.75	6		0177-88XX	107	16	DN01512D	16	1.5	12
				DN00506D	20	0.5	6					DN01010D	/	1	10
				DN00306D	22	0.34	6					DN00710D	18	0.75	10
				DN00206D	24	0.25	6					DN00510D	20	0.5	10
24~14	0162-06XX	90	11	DN01510D	16	1.5	10	24~8	0275-31XX	12	14~16	DN06012D	10	6	12
	0162-A6XX	90	11	DN01010D	/	1	10		0275-32XX	12	14~16	DN04012D	12	4	12
				DN00710D	18	0.75	10		0290-31XX	12	14	DN02512D	14	2.5	12
				DN00510D	20	0.5	10		0290-32XX	12	14	DN01512D	16	1.5	12
24~12	0153-01XX	105	14	DN02512D	14	2.5	12					DN01012D	/	1	12
	0153-02XX	105	14	DN01512D	16	1.5	12					DN00712D	18	0.75	12
	0153-41XX	106	14	DN01012D	/	1	12					DN00510D	20	0.5	10
	0153-91XX	105	14	DN00712D	18	0.75	12				DN00308D	22	0.34	8	
				DN00510D	20	0.5	10				DN00208D	24	0.25	8	
				DN00308D	22	0.34	8								
				DN00208D	24	0.25	8								

PID connection PCB terminal blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1
22~14	142R-XXP	105	10	DN01012D	/	1	12	14~2	0177-B3XX	108	23~25	DN35025D	2	35	25
	142V-XXP	105	10	DN00712D	18	0.75	12					DN25022D	4	25	22
				DN00510D	20	0.5	10					DN16018D	6	16	18
				DN00308D	22	0.34	8					DN10018D	8	10	18
				DN00208D	24	0.25	8					DN06018D	10	6	18
20~4	0177-03XX	108	20	DN10018D	8	10	18	14~2	0290-51XX	13	24~26	DN35025D	2	35	25
	0177-06XX	108	20	DN06018D	10	6	18		0290-51XXM	13	24~26	DN25022D	4	25	22
	0177-08XX	108	20	DN04018D	12	4	18					DN16018D	6	16	18
				DN02518D	14	2.5	18					DN10018D	8	10	18
				DN01518D	16	1.5	18					DN06018D	10	6	18
18~4	0290-41XXYB	13	19	DN10012D	8	10	12					DN04018D	12	4	18
	0290-42XXYD	13	19	DN06012D	10	6	12					DN02518D	14	2.5	18
	0290-42XXP3YD	13	19	DN04012D	12	4	10								
				DN02508D	14	2.5	8								
				DN01508D	16	1.5	8								
				DN01008D	/	1	8								
				DN00712D	18	0.75	12								

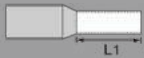
Screw connection PCB terminal blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules							
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1				
30~16	EK350A-XXP	110	6	DN00706D	18	0.75	6	30~14	EESK381V-XXP	110	6	DN01006D	/	1	6				
	EK350V-XXP	109	6	DN00506D	20	0.5	6		ELK500S-XXP	110	6	DN00706D	18	0.75	6				
	EK350V4L-XXP	110	6	DN00306D	22	0.34	6		ELK500V-XXP	110	6	DN00506D	20	0.5	6				
	EK381A-XXP	110	6	DN00206D	24	0.25	6		ELK508S-XXP	112	6	DN00306D	22	0.34	6				
	EK381V-XXP	109	6						ESK381V-XXP	109	6	DN00206D	24	0.25	6				
	EK381V3L-XXP	109	6										ESK381V4L-XXP	110	6				
	EK381V4L-XXP	109	6										ESK381R-XXP	110	6				
	E3K381V-XXP	110	6										E2LK508V-XXP	112	7				
	EEK381V-XXP	110	6										30~10	EKB635V-XXP	114				
	EHK381V-XXP	110	6	DN02508D	14	2.5	8												
30~16	ELK508V-XXP	111	6	DN01006D	/	1	6	DN01508D	16	1.5	8								
				DN00706D	18	0.75	6	DN01008D	/	1	8								
				DN00506D	20	0.5	6	DN00708D	18	0.75	8								
				DN00306D	22	0.34	6	DN00508D	20	0.5	8								
				DN00206D	24	0.25	6	DN00308D	22	0.34	8								
								28~16	EK254V-XXP	109	5	DN00208D	24	0.25	8				
												DN00306D	22	0.34	6				
												DN00206D	24	0.25	6				

Wire Ferrules

Screw connection PCB terminal blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1	
28~12	EK750V-XXP	114	7	DN01508D	16	1.5	8	24~12	E2HK500V-XXPAM	112	7	DN02508D	14	2.5	8	
				DN01008D	/	1	8		E3K500V-XXP	111	7	DN01508D	16	1.5	8	
				DN00708D	18	0.75	8		E3K508V-XXP	114	7	DN01008D	/	1	8	
				DN00508D	20	0.2	8		EEK500V-XXP	111	7	DN00708D	18	0.75	8	
				DN00306D	22	0.34	6		EEK508V-XXP	114	7	DN00508D	20	0.5	8	
				DN00206D	24	0.25	6		EHK2V-XXP	113	7	DN00306D	22	0.34	6	
26~16 (Sol) 26~14 (Str)	ELK508V3L-XXP	111	6~7	DN01006D	/	1	6		EHK5V-XXP	112	8					
				DN00706D	18	0.75	6		EHK5V3L-XXP	111	7					
				DN00506D	20	0.5	6		EHK500R-XXP	112	7					
				DN00306D	22	0.34	6		EHK508V2L-XXP	114	7					
				DN00206D	24	0.25	6		EHK508V3L-XXP	114	7					
26~16	EELK508V-XXP	111	6~7	DN01006D	/	1	6	24~12	EHK3V-XXP	115	7		DN02508D	14	2.5	8
				DN00706D	18	0.75	6		EHK7V-XXP	113	7~8	DN01508D	16	1.5	8	
				DN00506D	20	0.5	6			DN01008D	/	1	8			
				DN00306D	22	0.34	6			DN00708D	18	0.75	8			
				DN00206D	24	0.25	6			DN00508D	20	0.5	8			
26~16	ELK500B-XXP	110	7	DN01008D	/	1	8			24~12	EK500A-XXP	111	7	DN02508D	14	2.5
				DN00708D	18	0.75	8		EK500R-XXP		111	7	DN01508D	16	1.5	8
				DN00508D	20	0.5	8	EK500V-XXP	111		7	DN01008D	/	1	8	
				DN00308D	22	0.34	8	EK500V2L-XXP	112		7	DN00708D	18	0.75	8	
				DN00208D	24	0.25	8	EK500V3L-XXP	112		7	DN00508D	20	0.5	8	
26~12	ESK508V-XXP ESK508V3L-XXP ESK508V4L-XXP	114 113 113	8	DN02508D	14	2.5	8	EK500V4L-XXP	112		7	DN00306D	22	0.34	6	
				DN01508D	16	1.5	8	EK508A-XXP	112		8	DN00206D	24	0.25	6	
				DN01008D	/	1	8	EK508R-XXP	112		7					
				DN00708D	18	0.75	8	EK508V-XXP	112		7					
				DN00508D	20	0.5	8	EK508V2L-XXP	113		7					
				DN00308D	22	0.34	8	EK508V3L-XXP	113		7					
				DN00208D	24	0.25	8	EK508V4L-XXP	113	7						
				26~10	EK950HVN-XXP EK950V-XXP	115 115	8	DN02508D	14	2.5	8		24~12	E2HK508V-XXPAM	114	7~8
DN01508D	16	1.5	8					EEHK2V-XXP	113	7~8	DN01008D	/		1	8	
DN01008D	/	1	8						DN00708D	18	0.75	8				
DN00708D	18	0.75	8						DN00508D	20	0.5	8				
DN00508D	20	0.5	8						DN00308D	22	0.34	8				
DN00308D	22	0.34	8						DN00208D	24	0.25	8				
DN00208D	24	0.25	8	24~10	EKB762V-XXP	116	7~8		DN02508D	14	2.5	8				
26~10	ESK635V-XXP	114	8~9		DN04010D	12	4	10	ESK750V-XXP	114	7~8	DN01508D	16	1.5	8	
					DN02508D	14	2.5	8		ESK762V-XXP	116	7~8	DN01008D	/	1	8
					DN01508D	16	1.5	8		DN00708D	18	0.75	8			
					DN01008D	/	1	8		DN00508D	20	0.2	8			
					DN00708D	18	0.75	8		DN00308D	22	0.34	8			
					DN00508D	20	0.5	8		DN00208D	24	0.25	8			
					DN00308D	22	0.34	8								
				DN00208D	24	0.25	8									

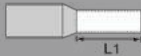
Screw connection PCB terminal blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules								
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1					
24~6	PDS-10-XX	118	13	DN10012D	8	10	12	18~8	EPK635VN-XXP	113	10~11	DN04012D	12	4	12					
	PDS-10A-XX	118	13	DN06012D	10	6	12					DN02510D	14	2.5	10					
	PDS-10S-XX	118	13	DN04012D	12	4	12					DN01510D	16	1.5	10					
	PDS-10SA-XX	118	13	DN02512D	14	2.5	12					DN01010D	18	1	10					
				DN01512D	16	1.5	12					DN00710D	18	0.75	10					
				DN01012D	/	1	12					DN00510D	20	0.5	10					
				DN00712D	18	0.75	12					DN00308D	22	0.34	8					
22~12	DT-123HVR-XXP	118	14	DN01512D	16	1.5	12	16~2/0	ESK175V-XXP ESK175VM-XXP	116 116	19~21 19~21	DN50020D	1	50	20					
	DT-123RA-XXP	117	14	DN01012D	/	1	12					DN35018D	2	35	18					
	DT-123RA-XXP3	117	14	DN00712D	18	0.75	12					DN25018D	4	25	18					
	DT-123VA-XXP	117	14	DN00510D	20	0.5	10					DN16018D	6	16	18					
	DT-123VA-XXP3	117	14	DN00308D	22	0.34	8					DN10018D	8	10	18					
				DN00208D	24	0.25	8					DN06018D	10	6	18					
22~10	DT-2300-XXP	117	14	DN04018D	12	4	18		6~3/0	ESK200VM-XXP	116	25~26	DN04018D	12	4	18				
	DT-2301-XXP	117	14	DN02512D	14	2.5	12						DN02518D	14	2.5	18				
	DT-2320-XXP	118	14	DN01512D	16	1.5	12						DN01518D	16	1.5	18				
	DT-2321-XXP	118	14	DN01012D	/	1	12						DN95025D	3/0	95	25				
				DN00712D	18	0.75	12						DN70021D	2/0	70	21				
	DN00510D	20	0.5	10	DN50025D	1	50						25							
22~6	ESKW116V-XXP	116	13~14	DN35025D	2	35	25													
				DN04012D	12	4	12										DN25022D	4	25	22
				DN02512D	14	2.5	12										DN16018D	6	16	18
				DN01512D	16	1.5	12													
				DN01012D	/	1	12													
				DN00712D	18	0.75	12													
				DN00510D	20	0.5	10													
20~6	EPK116VN-XXP	115	13	DN16012D	6	16	12													
	EPK116VS-XXP	115	13	DN10012D	8	10	12													
	ESK116R-XXPAM	116	11	DN06012D	10	6	12													
	ESK116V-XXP	116	11	DN04012D	12	4	12													
				DN02512D	14	2.5	12													
				DN01512D	16	1.5	12													
				DN01012D	/	1	12													
				DN00712D	18	0.75	12													
DN00510D	20	0.5	10																	
20~2	ESK150V-XXP	115	19	DN25018D	4	25	18													
	ESK150VM-XXP	115	19	DN16018D	6	16	18													
				DN10018D	8	10	18													
				DN06018D	10	6	18													
				DN04018D	12	4	18													
				DN02518D	14	2.5	18													
				DN01518D	16	1.5	18													

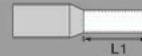
Wire Ferrules

Spring clamp connection PCB terminal blocks



Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1
28~20	WKA250A-XXP	119	6	DN01006D	/	1	6	26~10 (Str)	WSKA750S-XXP	120	14~15	DN04012D	12	4	12
	WKA254A-XXP	120	6	DN00706D	18	0.75	6					DN02512D	14	2.5	12
	WKV250A-XXP	120	6	DN00506D	20	0.5	6					DN01512D	16	1.5	12
	WKV254A-XXP	120	6	DN00306D	22	0.34	6					DN01012D	/	1	12
				DN00206D	24	0.25	6					DN00712D	18	0.75	12
28~12	W3K500-XXP	120	7	DN01508D	16	1.5	8	24~16	WKA50B-XXP	119	10	DN01012D	/	1	12
	W3K508-XXP	120	7	DN01006D	/	1	6					DN00712D	18	0.75	12
	W4K500-XXP	120	7	DN00706D	18	0.75	6					DN00510D	20	0.5	10
	W4K508-XXP	120	7	DN00506D	20	0.5	6					DN00308D	22	0.34	8
	WKA500-XXP	119	6	DN00306D	22	0.34	6					DN00208D	24	0.25	8
	WKA500-XXPL	119	6	DN00206D	24	0.25	6	24~6	WSKA100-XXP	120	15	DN10018D	8	10	18
	WKA508-XXP	119	6									DN06018D	10	6	18
	WKK500-XXP	120	7									DN04018D	12	4	18
	WKK508-XXP	120	7									DN02518D	14	2.5	18
28~12	WSKA500S-XXP	119	11	DN02512D	14	2.5	12					DN01518D	16	1.5	18
				DN01512D	16	1.5	12								
				DN01012D	/	1	12								
				DN00712D	18	0.75	12								
				DN00510D	20	0.5	10								

I/O enclosure terminal blocks



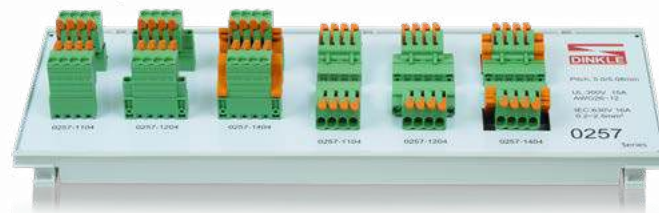
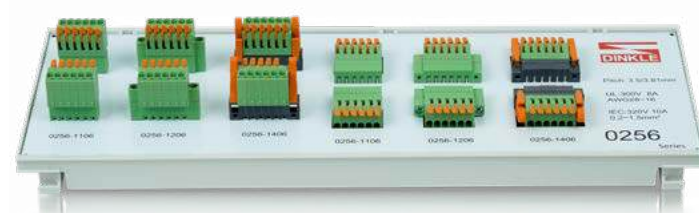
Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules				Wire range	Terminal blocks	Page	Strip length	Applicable Ferrules			
AWG			mm	Ferrule P/N	AWG	mm ²	L1	AWG			mm	Ferrule P/N	AWG	mm ²	L1
30~12	7ES-3PL	131	8	DN02508D	14	2.5	8	24~12	0189-202PL	129	11	DN02510D	14	2.5	10
	7ES-3PR	131	8	DN01508D	16	1.5	8		0189-203PL	129	11	DN01510D	16	1.5	10
				DN01008D	/	1	8		0189-204PL	129	11	DN01010D	/	1	10
				DN00708D	18	0.75	8		0189-212PL	129	11	DN00710D	18	0.75	10
				DN00508D	20	0.5	8		0189-213PL	129	11	DN00508D	20	0.5	8
				DN00308D	22	0.34	8		0189-214PL	129	11	DN00308D	22	0.34	8
				DN00208D	24	0.25	8		0189-202PR	130	11	DN00208D	24	0.25	8
28~16	0171-10XX	128	8	DN01008D	/	1	8		0189-203PR	130	11				
	0171-11XX	128	8	DN00708D	18	0.75	8		0189-204PR	130	11				
	0171-60XX	128	8	DN00508D	20	0.5	8		0189-212PR	130	11				
				DN00308D	22	0.34	8	0189-213PR	130	11					
				DN00208D	24	0.25	8	0189-214PR	130	11					
28~16	0228-21XX	128	9	DN01010D	/	1	10	22~14	5ES-2PL	129	8	DN02508D	14	2.5	8
	0228-22XX	128	9	DN00710D	18	0.75	10		5ES-3PL	129	8	DN01508D	16	1.5	8
	0228-23XX	128	9	DN00510D	20	0.5	10		5ES-4PL	129	8	DN01008D	/	1	8
				DN00308D	22	0.34	8		5ES-2PR	130	8	DN00708D	18	0.75	8
				DN00208D	24	0.25	8		5ES-3PR	130	8	DN00508D	20	0.5	8
24~12	0171-20XX	128	10	DN01510D	16	1.5	10		5ES-4PR	130	8	DN00308D	22	0.34	8
	0171-21XX	128	10	DN01010D	/	1	10								
				DN00710D	18	0.75	10								
				DN00510D	20	0.5	10								
				DN00308D	22	0.34	8								
				DN00208D	24	0.25	8								

P-LUP Family

PCB Connectors & PCB Terminal Blocks

Highlights

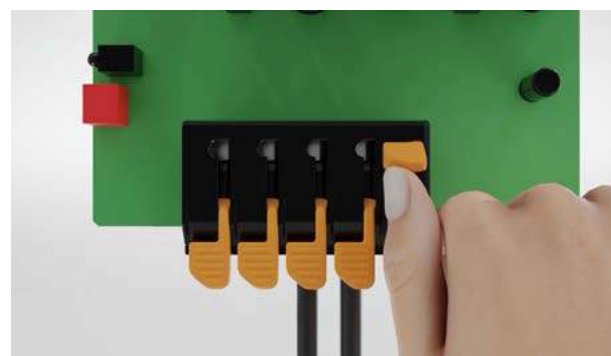
Dinkle new lever up design terminal block, P-LUP family, adopts a new lever up type wiring structure, which brings more convenient operation. The 0290 series PCB terminal block and the 0256 and 0257 series PCB connectors optimize levers' operability and maintain the high reliability of push-in connections. The new P-LUP family of products uses push-in connection method with lever-up lever to make wiring task faster and easier than ever, up to 2 AWG (35 mm²) and electrical specifications from 300V/10A~600V/101A (UL). We will continue to develop P-LUP family to meet the diverse needs of industrial wiring.



Product Features:

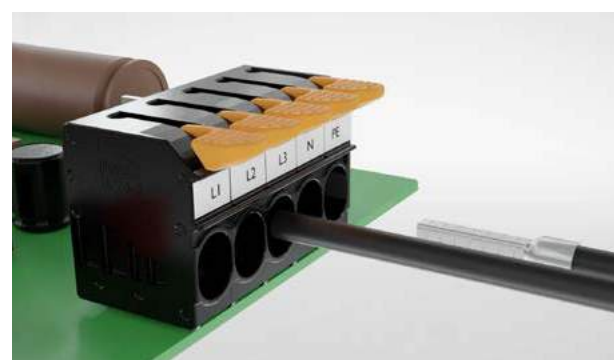
1. Perfect operating experience

The lever up type product is ergonomically designed for simple and time-saving operation and quick wiring, providing a high reliability connection and ensuring the overall efficient operation of the system.



2. Tool-free & push-in (PID) connection

The lever up type push-in design connection can easily insert the solid wire or the ferruled stranded wire without any tool to save wiring time, and easy to release the conductors by the lever-up lever without tool.



0290-43XX



0290-51XX



0290-11XX



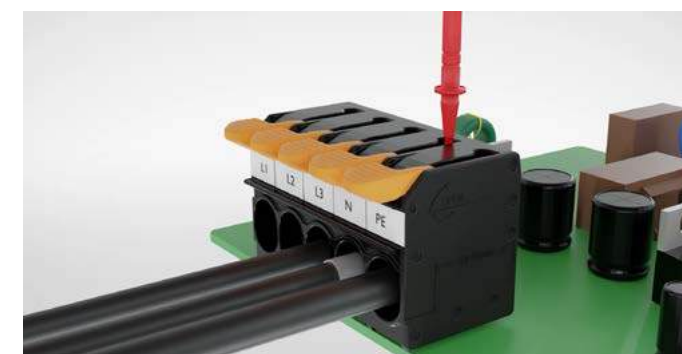
0290-21XX



0290-32XX



0290-42XX



3. Test hole for continuity confirmation

P-LUP series are designed with electrical testing holes, which is convenient for users to check the continuity.

4. Excellent contact stability

Push-in connection technology makes the conductors of solid wires and ferruled wires can be easily inserted into the clamp. Lever up type design ensures reliable contact and long-term stability of inserted conductors. Dual solder pins bring a steadily soldering on the PCB.

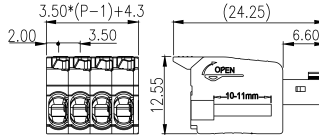
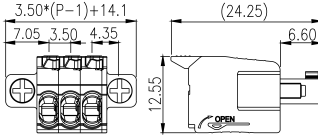
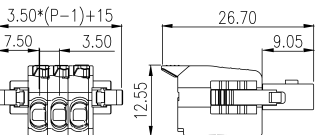
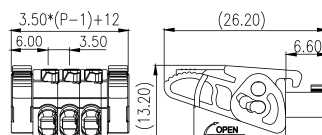
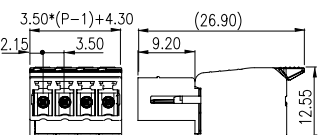
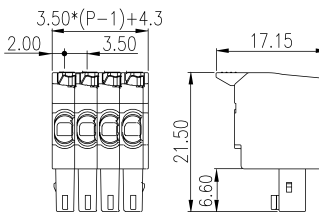
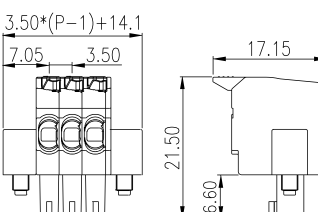
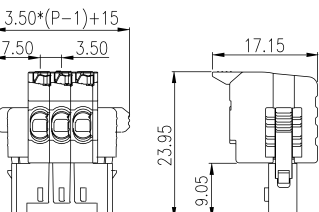
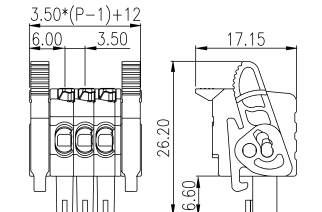
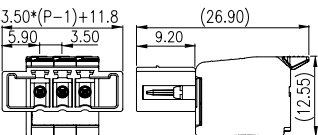
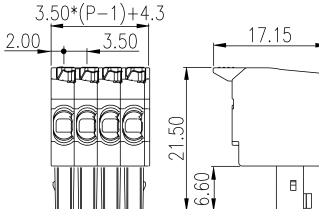
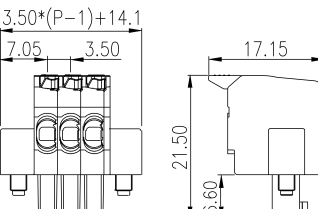
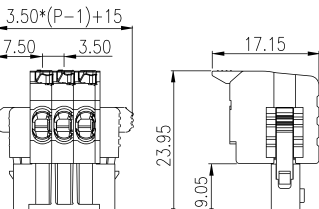
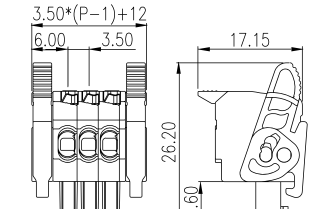
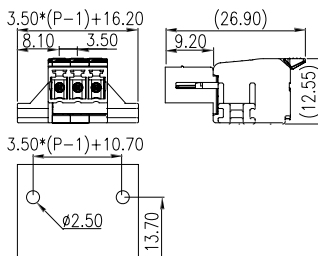


5. Simple and clear marking system

With D-Thermo marking system and the latest flat marking plate, the design of the marking area of the terminal block can be marked by label strip at one time, which is easy to mark and easy to identify.



* For D-Thermo marking system, please refer to Dinkle catalogue DC-34

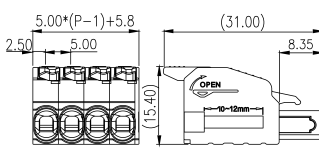
3.5mm			0256-11XX		0256-12XX		0256-13XX		0256-14XX		0218-21XX			
Technical Data	UL	IEC	  		  		  		  		  			
Rated voltage	300V	320V												
Rated current	8A	10A												
Solid (AWG/mm²)	28~16	0.14~1.5												
Flexible (AWG/mm²)	28~16	0.14~1.5												
Rated impulse voltage		2.5kV												
Wire strip length	9~10mm													
Number of Positions			02~24P											
			0256-21XX		0256-22XX		0256-23XX		0256-24XX		0218-23XX			
			  		  		  		  		  			
														
			0256-31XX		0256-32XX		0256-33XX		0256-34XX		0218-25XX			
			  		  		  		  		  			
														
Socket			Socket		Socket		Socket		Socket		0218-27XX		0218-2GXX	
ECH350V-XXP	P69		ECH350VM-XXP	P32		ECH350VJ-XXP	P32		ECH350VD-XXP	P69	  			
ECH350V-XXPL	P69		ECH350VM-XXPL	P32		ECH350VJ-XXPL	P32		ECH350RD-XXP	P69				
ECH350R-XXP	P69		ECH350RM-XXP	P32		ECH350RJ-XXP	P32		ECH350VM-XXPL	P32				
ECH350R-XXPL	P69		ECH350RM-XXPL	P32		ECH350RJ-XXPL	P32		ECH350RM-XXPL	P32				
Please refer to the related page number for the compatible headers.			Please refer to the related page number for the compatible headers.		Please refer to the related page number for the compatible headers.		Please refer to the related page number for the compatible headers.		Please refer to the related page number for the compatible headers.					

3.81mm			0256-61XX		0256-62XX		0256-63XX		0256-64XX					
Technical Data			UL		IEC									
Rated voltage			300V		320V									
Rated current			8A		10A									
Solid (AWG/mm²)			28~16		0.14~1.5									
Flexible (AWG/mm²)			28~16		0.14~1.5									
Rated impulse voltage					2.5KV									
Wire strip length			9~10mm											
Number of Positions			02~24P											

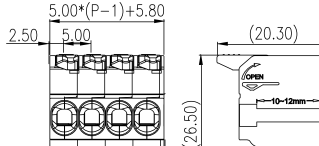
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	16A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	10~12mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

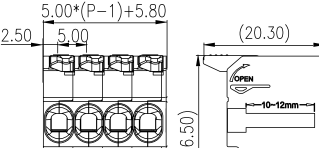
0257-11XX



0257-21XX



0257-31XX

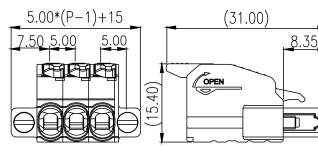


Socket

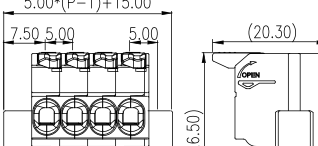
5EHDVC-XXP	P73
5EHDVC-XXPL	P73
5EHDRG-XXP	P73
5EHDRG-XXPL	P73

Please refer to the related page number for the compatible headers.

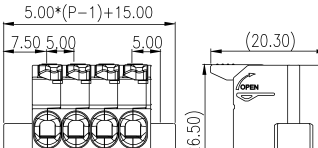
0257-12XX



0257-22XX



0257-32XX

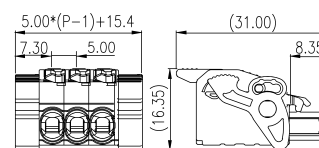


Socket

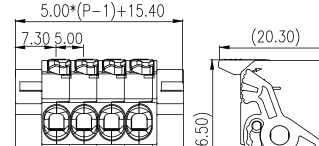
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5EHDVM-XXPL	P74
5EHDRM-XXP	P74
5EHDRM-XXPL	P74

Please refer to the related page number for the compatible headers.

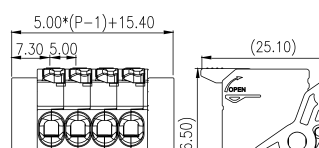
0257-14XX



0257-24XX



0257-34XX



Socket

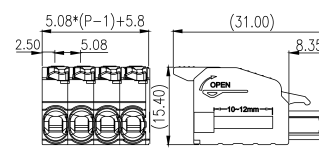
5EHDVG-XXP	P74
5EHDVG-XXPL	P74
5EHDRM-XXP	P74
5EHDRM-XXPL	P74

Please refer to the related page number for the compatible headers.

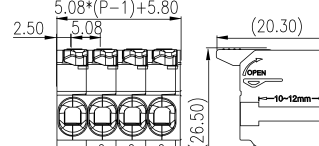
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	16A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	10~12mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

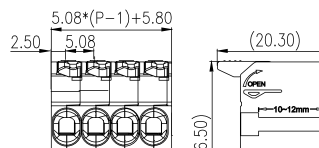
0257-61XX



0257-71XX



0257-81XX

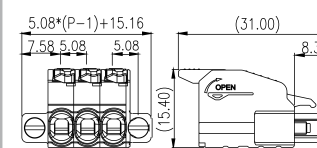


Socket

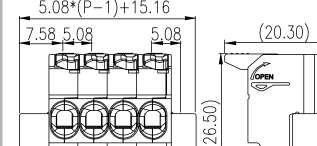
2EHDVC-XXP	P76
2EHDVC-XXPL	P76
2EHDRG-XXP	P76
2EHDRG-XXPL	P76

Please refer to the related page number for the compatible headers.

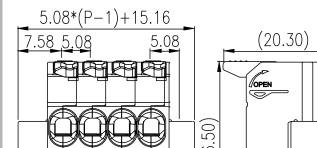
0257-62XX



0257-72XX



0257-82XX

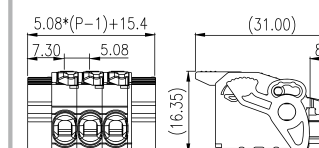


Socket

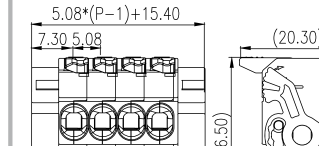
2EHDVM-XXP	P76
2EHDVM-XXPL	P76
2EHDRM-XXP	P76
2EHDRM-XXPL	P76

Please refer to the related page number for the compatible headers.

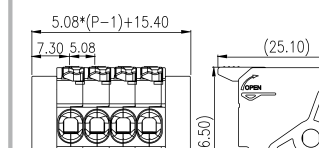
0257-64XX



0257-74XX



0257-84XX



Socket

2EHDVG-XXP	P75
2EHDVG-XXPL	P75
2EHDRM-XXP	P76
2EHDRM-XXPL	P76

Please refer to the related page number for the compatible headers.

P-LUP Plug & Sockets



7.62mm			0258-61XX	
Technical Data	UL	IEC	 600V	
Rated voltage	600V	1000V		
Rated current	35A	41A		
Solid (AWG/mm²)	20~8	0.2~10		
Flexible (AWG/mm²)	20~8	0.2~6		
Rated impulse voltage		8KV		
Wire strip length	12~14mm			
Number of Positions				
02~12P				

P-LUP family



The lever-type handle is designed in accordance with ergonomic principles, ensuring a comfortable grip and ease of use. This thoughtful design not only enhances operational efficiency but also enables users to perform wiring tasks swiftly and accurately, significantly reducing installation time.

0275 & 0290 Series

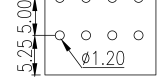
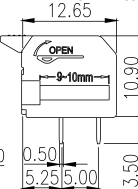
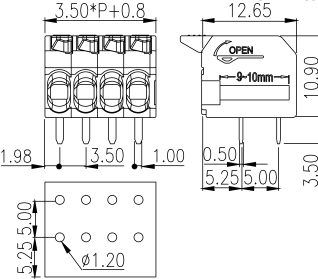
Connection method: Push-in connection
Pitch: 3.50mm / 5.00mm / 7.50mm / 10.00mm / 14.50mm / 15.00mm
UL Rated Voltage: 300V ~ 1000V
UL Rated Current: 10 ~ 101A
IEC Rated Voltage: 160V ~ 1000V
IEC Rated Current: 17.5A ~ 125A

- P-LUP features a new lever up wiring structure for easier operation
- The PCB terminal block optimizes the operability of the lever up handle and maintains a high-reliability push-in connection.
- Lever up PID connection makes the conductor be inserted into the terminal block without ferrules to implement reality tool free operation
- 0290 & 0275 Series are Equipped with test holes for users to check the continuity easily
- Suitable for charging piles and power transmission

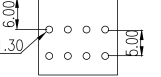
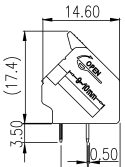
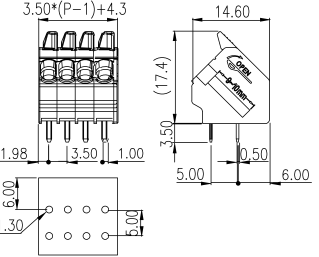
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	160V
Rated current	10A	17.5A
Solid (AWG/mm²)	28~16	0.14~1.5
Flexible (AWG/mm²)	28~16	0.14~1.5
Rated impulse voltage	2.5KV	
Wire strip length	9~10mm	
Number of Positions		
02~24P		

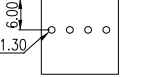
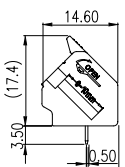
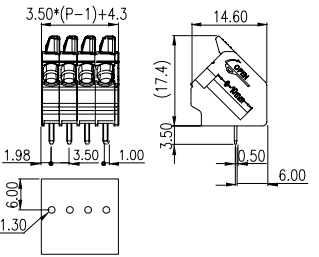
0290-11XX



0275-11XX



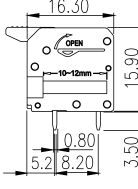
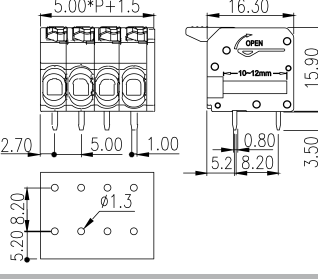
0275-11XXY5



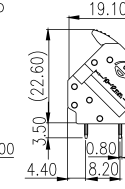
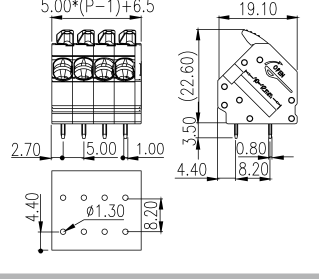
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	20A	32A
Solid (AWG/mm²)	24~12	0.2~4
Flexible (AWG/mm²)	24~12	0.2~4
Rated impulse voltage	4KV	
Wire strip length	10~12mm	
Number of Positions		
02~12P		

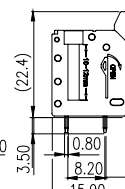
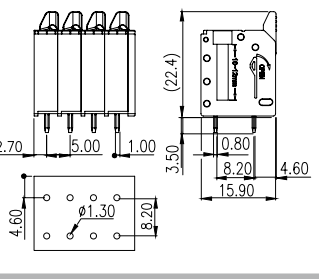
0290-21XX



0275-21XX



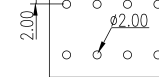
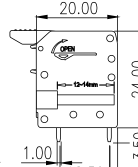
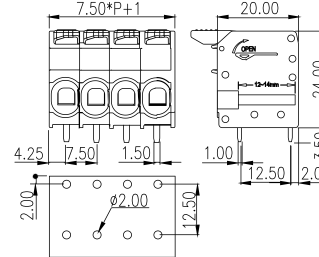
0276-21XX



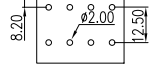
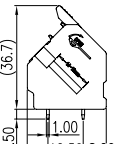
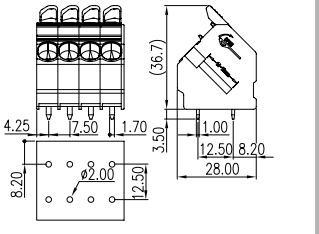
7.50mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	32A	41A
Solid (AWG/mm²)	24~8	0.2~6
Flexible (AWG/mm²)	24~8	0.2~6
Rated impulse voltage	6KV	
Wire strip length	12~14mm	
Number of Positions		
02~12P		

0290-31XX



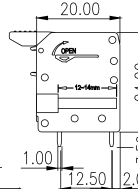
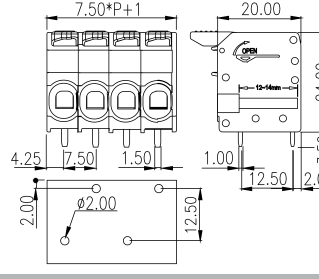
0275-31XX



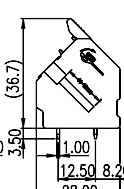
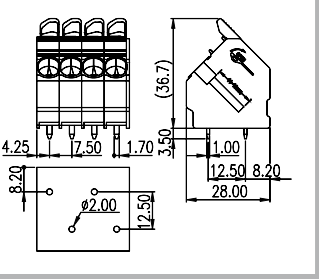
7.50mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	32A	41A
Solid (AWG/mm²)	24~8	0.2~6
Flexible (AWG/mm²)	24~8	0.2~6
Rated impulse voltage	8KV	
Wire strip length	12~14mm	
Number of Positions		
02~12P		

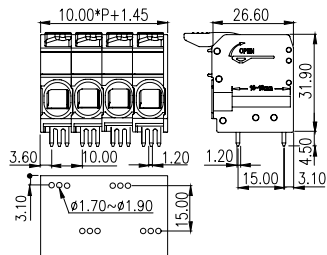
0290-32XX



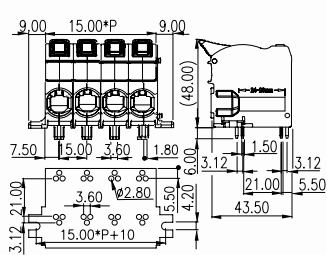
0275-32XX



0290-42XXYD

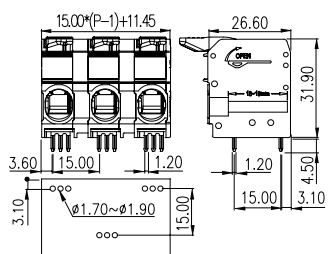


0290-51XXM



0290-42XXP3YD

1000V



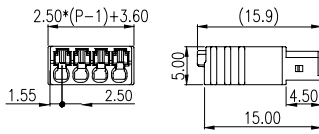
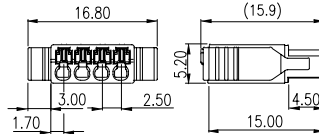
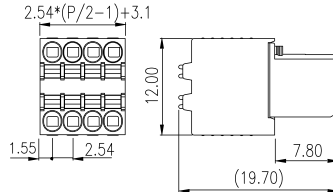
PID (Push-In Design) Plugs & Sockets



Connection technology- push-in design connection, for easy and flexible conductor connection

Connection method: Push-in design
Pitch: 2.50mm / 2.54mm / 3.50mm
UL Rated: 150V / 5A, 150V / 8A, 300V / 8A
IEC Rated: 250V / 8A, 320V / 6A, 320V / 8A, 320V / 10A

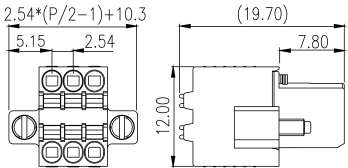
- Vertical and parallel plug-in directions to PCB are available
- Compact double-level plug for high connection density
- Type of locking includes screw flange, lock flange and release tool
- THR version socket is available, pin length 2.6mm (The last suffix “L” represents THR version.)

2.50mm			0288-1AXX		0288-1DXX		2.54mm			0156-1BXX-BK			
Technical Data			UL		IEC		Technical Data			UL		IEC	
Rated voltage			150V		320V		Rated voltage			150V		320V	
Rated current			6A		6A		Rated current			5A		6A	
Solid (AWG/mm²)			26~18		0.14~0.5		Solid (AWG/mm²)			30~20		0.2~0.5	
Flexible (AWG/mm²)			26~18		0.2~0.5		Flexible (AWG/mm²)			30~20		0.2~0.5	
Rated impulse voltage					2.5kV		Rated impulse voltage					2.5KV	
Wire strip length					7~8		Wire strip length					7~8mm	
Number of Positions			02~12P				Number of Positions			06~44P			
													
													

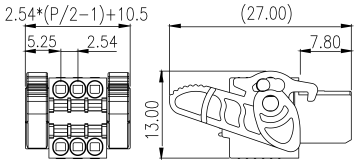
2.54mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	5A	6A
Solid (AWG/mm²)	30~20	0.2~0.5
Flexible (AWG/mm²)	30~20	0.2~0.5
Rated impulse voltage	2.5KV	
Wire strip length	7~8mm	
Number of Positions		
0156-1AXX-BK	04~44P	
0156-1DXX-BK		
0156-1CXX-BK	06~44P	

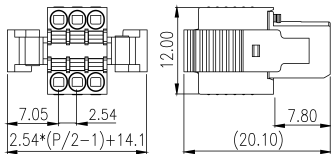
0156-1AXX-BK



0156-1DXX-BK



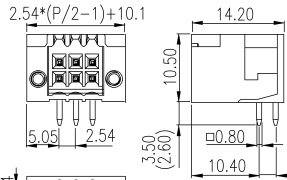
0156-1CXX-BK



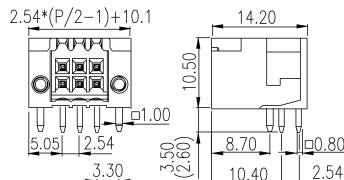
2.54mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	5A	6A
Rated impulse voltage	2.5KV	
Number of Positions		
0156-13XX	04~44P	
0156-13XXL		
0156-18XX		
0156-18XXL		
0156-12XX	06~44P	
0156-12XXL		
0156-16XX		
0156-16XXL		
0156-17XX		
0156-17XXL		
0156-19XX		
0156-19XXL		

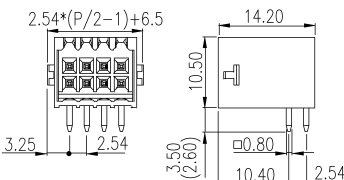
0156-17XX
(0156-17XXL)



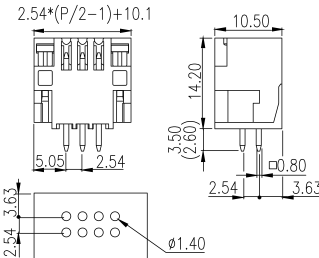
0156-18XX
(0156-18XXL)



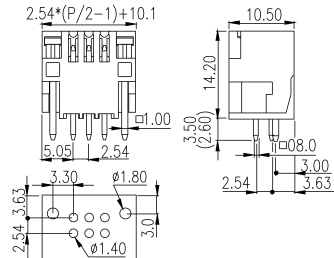
0156-19XX
(0156-19XXL)



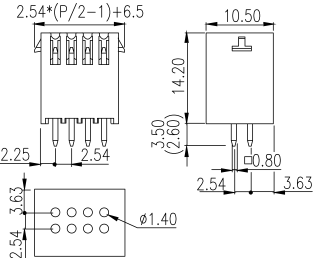
0156-12XX
(0156-12XXL)



0156-13XX
(0156-13XXL)



0156-16XX
(0156-16XXL)



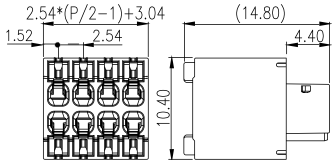
For THR products,
Surge voltage category/pollution degree
III/2 II/2

Rated voltage
160 160

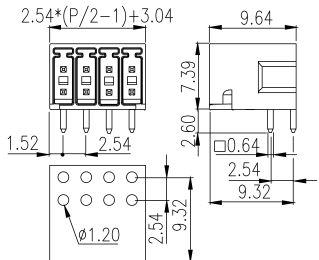
2.54mm

Technical Data	UL	IEC
Rated voltage	150V	160V
Rated current	6A	6A
Solid (AWG/mm²)	26~18	0.2~0.5
Flexible (AWG/mm²)	26~18	0.2~0.5
Rated impulse voltage	2.5KV	
Wire strip length	7~8mm	
Number of Positions		
04~32P		

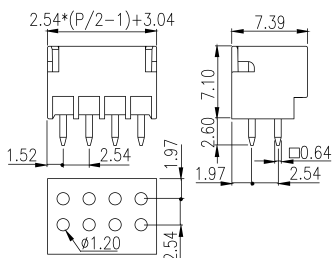
0157-1BXX



0157-15XXL



0157-10XXL



3.50mm

Technical Data	UL	IEC
Rated voltage		
0156-2AXX-BK	150V	320V
0156-2BXX-BK		
0156-2CXX-BK		
0156-2DXX-BK		
0156-9BXX	300V	
0156-9CXX		
Rated current		
0156-2AXX-BK	8A	10A
0156-2BXX-BK		
0156-2CXX-BK		
0156-2DXX-BK		
0156-9BXX	10A	
0156-9CXX		
Solid (AWG/mm²)	28~16	0.2~1.0
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage	2.5KV	
Wire strip length	8~9mm	
Number of Positions		
0156-2AXX-BK	04~40P	
0156-2CXX-BK		
0156-2DXX-BK		
0156-9CXX		
0156-2BXX-BK	04~44P	
0156-9BXX		

0156-2AXX-BK

0156-2BXX-BK

0156-2CXX-BK

0156-2DXX-BK

0156-9BXX

0156-9CXX

3.50mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	10A	10A
Rated impulse voltage	2.5KV	
Number of Positions		
0156-21XX-BK	04~40P	
0156-21XXL		
0156-24XX-BK		
0156-24XXL		
0156-26XX-BK		
0156-26XXL		
0156-29XX-BK		
0156-29XXL		
0156-20XX-BK	04~44P	
0156-25XX-BK		
0156-25XXL		

0156-26XX-BK
(0156-26XXL)

0156-25XX-BK
(0156-25XXL)

0156-29XX-BK
(0156-29XXL)

0156-21XX-BK
(0156-21XXL)

0156-20XX-BK
(0156-20XXL)

0156-24XX-BK
(0156-24XXL)

3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	10A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage	2.5KV	
Wire strip length	11~12mm	
Number of Positions		
04~40P		

0156-9AXX

0156-9DXX

3.50mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	10A	10A
Rated impulse voltage	2.5KV	
Number of Positions		
04~40P		

0156-26XX-BK
(0156-26XXL)

0156-27XX-BK
(0156-27XXL)

0156-21XX-BK
(0156-21XXL)

0156-22XX-BK
(0156-22XXL)

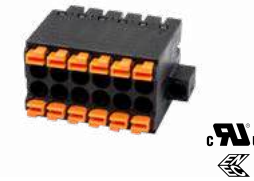
19

20

3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	8A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage	2.5KV	
Wire strip length	9~10mm	
Number of Positions		
04~40P		

0159-01XX



3.50*(P/2-1)+11

(22.55)

5.50

3.50

13.25

7.05

0159-03XX



3.5*(P/2-1)+4.2

22.55

2.10

3.50

7.05

13.25

0159-04XX



3.50*(P/2-1)+10.2

(27.85)

5.10

3.50

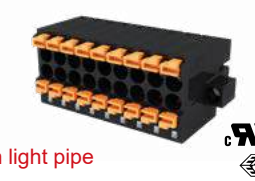
7.05

13.25

3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Rated impulse voltage	2.5KV	
Number of Positions		
04~40P		

0159-05XX



with light pipe

3.50*(P/2-1)+11

(22.55)

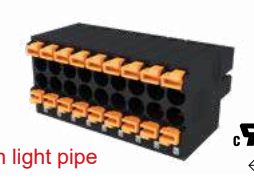
5.50

3.50

15.40

7.05

0159-07XX



with light pipe

3.50*(P/2-1)+4.2

(22.55)

2.10

3.50

15.40

7.05

0159-08XX



with light pipe

3.50*(P/2-1)+10.2

(27.85)

5.10

3.50

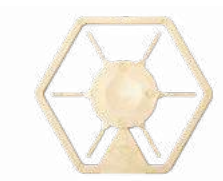
7.05

15.40

3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Rated impulse voltage	2.5KV	
Number of Positions		
04~40P		

0159K1L



3.50*(P/2-1)+11

(22.55)

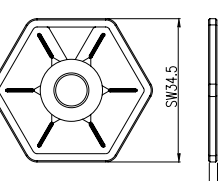
5.50

3.50

15.40

7.05

0159K1L



3.50*(P/2-1)+4.2

(22.55)

2.10

3.50

15.40

7.05

0159K1L



3.50*(P/2-1)+10.2

(27.85)

5.10

3.50

7.05

15.40

3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Rated impulse voltage	2.5KV	
Number of Positions		
04~40P		

0159-11XX
(0159-11XXL)



3.50*(P/2-1)+11.0

11.60

5.50

3.50

10.80

8.00

2.50

0.80

1.40

8.00

0159-31XX
(0159-31XXL)



3.50*(P/2-1)+4.3

11.60

2.15

3.50

10.80

8.00

2.50

0.80

1.40

8.00

0159-12XX
(0159-12XXL)



3.50*(P/2-1)+11.0

10.60

5.50

3.50

10.00

8.00

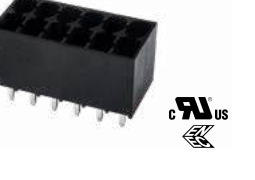
2.55

0.80

1.40

5.50

0159-32XX
(0159-32XXL)



3.50*(P/2-1)+4.3

10.60

2.15

3.50

10.00

8.00

2.55

0.80

1.40

5.50

3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Rated impulse voltage	2.5KV	
Number of Positions		
04~40P		

0159-13XX
(0159-13XXL)



3.50*(P/2-1)+11

11.60

5.50

3.50

13.30

8.00

2.50

0.80

1.40

8.00

0159-33XX
(0159-33XXL)



3.50*(P/2-1)+4.3

11.60

2.15

3.50

13.30

8.00

2.50

0.80

1.40

8.00

Push-in connection

5.00mm /

5.08mm

300V / 15A

600V / 18A

- Double-level plug and socket
- Options with LED light pipe for indication
- Versions with screw flange and lock flange
- THR version socket is available, pin length 2.6mm (The last suffix “L” represents THR version.)

3.50mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	8A	15A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	8~9mm	
Number of Positions		
02~24P		

The product integrates light pipe for better indication

0225-01XX

<

5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	10A	17.5A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~16P		
Accessories		
0225K1	P24	
0225K3	P24	

The product integrates light pipe for better indication

0226-01XX

with light pipe

0226-02XX

with light pipe

0226-03XX

with light pipe

5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	10A	17.5A
Rated impulse voltage		4KV
Torque (N·m)		
Number of Positions		
02~16P		
Accessories		
0227K2L	P28	

0226-13XX
(0226-13XXL)

0226-23XX
(0226-23XXL)

0226-33XX
(0226-33XXL)

0226-14XX
(0226-14XXL)

0226-24XX
(0226-24XXL)

0226-34XX
(0226-34XXL)

5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	10A	17.5A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~16P		
Accessories		
0225K1	P24	
0225K3	P24	

0226-06XX

0226-07XX

0226-08XX

5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	10A	17.5A
Rated impulse voltage		4KV
Number of Positions		
02~16P		
Accessories		
0225K2L	P24	
0225K4L	P24	

0226-16XX
(0226-16XXL)

0226-26XX
(0226-26XXL)

0226-36XX
(0226-36XXL)

0226-17XX
(0226-17XXL)

0226-27XX
(0226-27XXL)

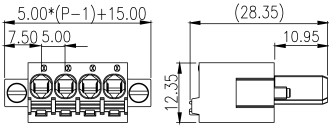
0226-37XX
(0226-37XXL)

5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	12~13mm	
Number of Positions		
0227-02XX	02~16P	
0227-01XX		
0227-03XX	02~24P	
0227-04XX		
Accessories		
0227K1	P27	

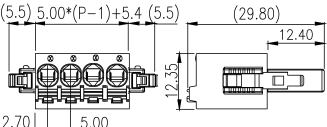
0227-01XX

with light pipe



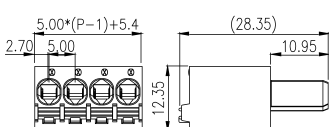
0227-02XX

with light pipe



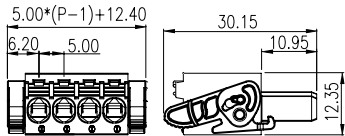
0227-03XX

with light pipe



0227-04XX

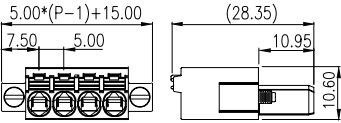
with light pipe



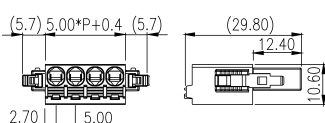
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	12~13mm	
Number of Positions		
0227-07XX	02~16P	
0227-06XX		
0227-08XX	02~24P	
0227-09XX		
Accessories		
0227K1	P27	

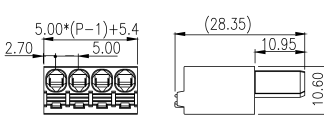
0227-06XX



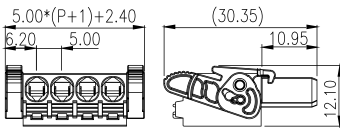
0227-07XX



0227-08XX



0227-09XX

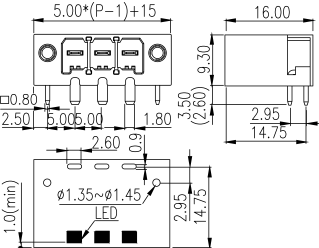


5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
0227-13XX		
0227-13XXL	02~16P	
0227-23XX		
0227-23XXL		
0227-24XX		
0227-24XXL		
0227-33XX		
0227-33XXL	02~24P	
0227-14XX		
0227-14XXL		
0227-34XX		
0227-34XXL		
Accessories		
0227K2L	P28	

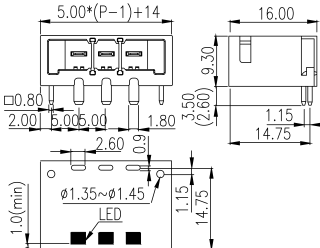
0227-13XX
(0227-13XXL)

with support pins



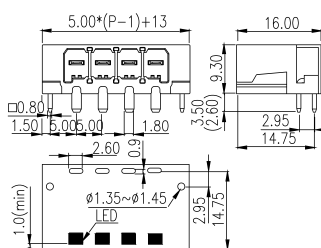
0227-23XX
(0227-23XXL)

with support pins

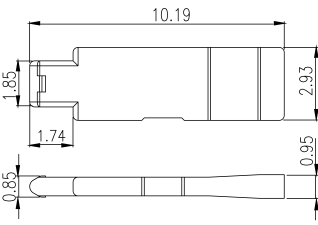


0227-33XX
(0227-33XXL)

with support pins

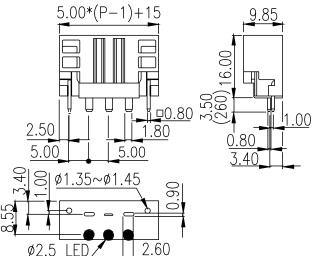


0227K1



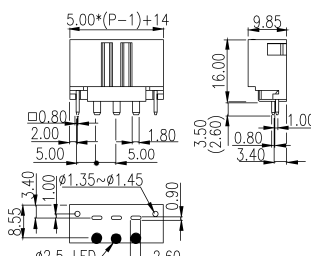
0227-14XX
(0227-14XXL)

with support pins



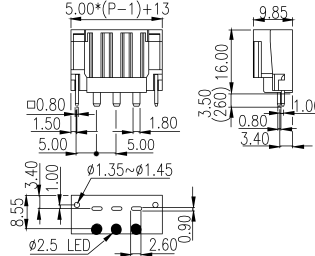
0227-24XX
(0227-24XXL)

with support pins



0227-34XX
(0227-34XXL)

with support pins

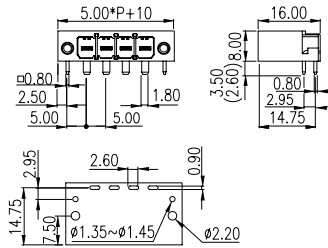


5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
0227-26XX		
0227-26XXL	02~16P	
0227-27XX		
0227-27XXL		
0227-16XX		
0227-16XXL	02~24P	
0227-17XX		
0227-17XXL		
0227-36XX		
0227-36XXL		
0227-37XX		
0227-37XXL		
Accessories		
0227K2L	P28	

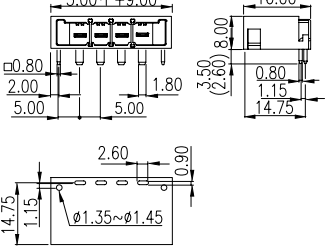
0227-16XX
(0227-16XXL)

with support pins



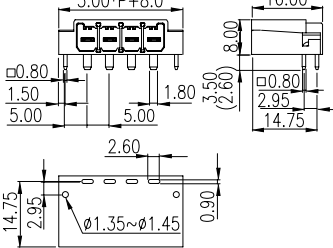
0227-26XX
(0227-26XXL)

with support pins

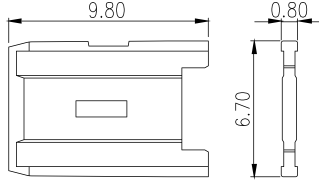


0227-36XX
(0227-36XXL)

with support pins

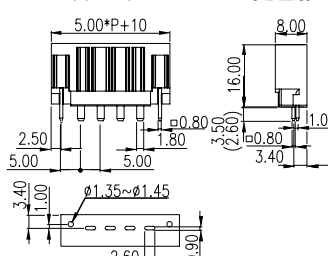


0227K2L



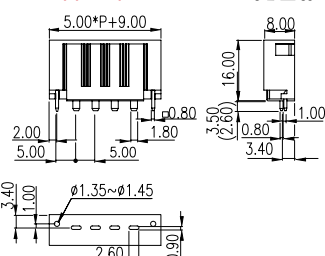
0227-17XX
(0227-17XXL)

with support pins



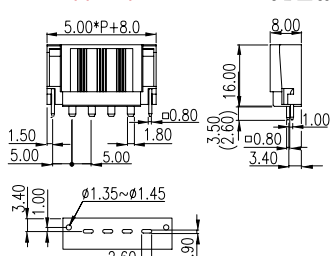
0227-27XX
(0227-27XXL)

with support pins



0227-37XX
(0227-37XXL)

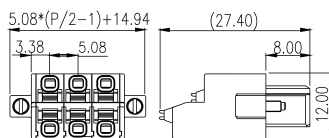
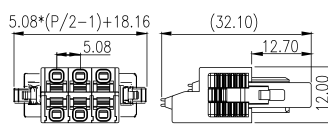
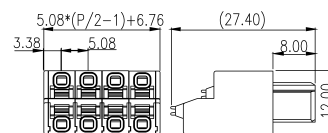
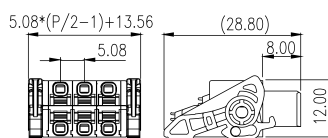
with support pins

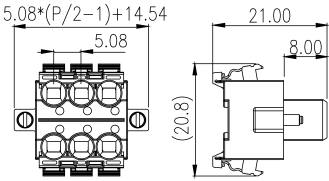
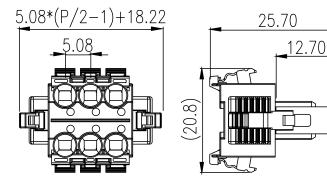
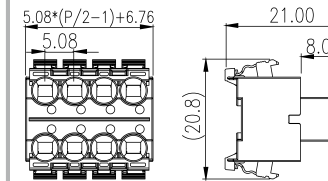
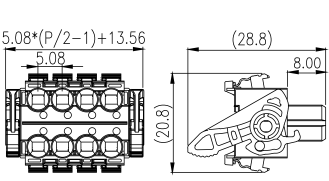


27

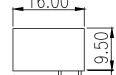
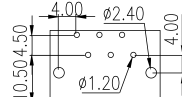
28

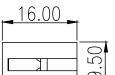
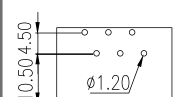
5.08mm			0225-04XX		0225-05XX		0225-09XX		0225-0AXX				
Technical Data	UL	IEC											
Rated voltage	300V	320V											
Rated current													
0225-04XX	8A	14A											
0225-05XX													
0225-09XX													
0225-0AXX													
0229-F4XX													
0229-F5XX													
0229-F9XX													
0229-FAXX													
Solid (AWG/mm²)	28~16	0.2~1.5											
Flexible (AWG/mm²)	28~16	0.2~1.5											
Rated impulse voltage	4KV												
Wire strip length	8~9mm												
Number of Positions													
0225-04XX	04~40P												
0225-05XX													
0225-09XX													
0225-0AXX													
0229-F4XX													
0229-F5XX													
0229-F9XX													
0229-FAXX													

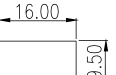
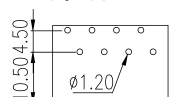
 	 	 	 			
						

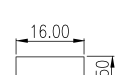
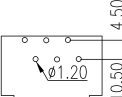
5.08mm			0229-F4XX		0229-F5XX		0229-F9XX		0229-FAXX				
			 		 		 		 				
			with test holes		with test holes		with test holes		with test holes				
													

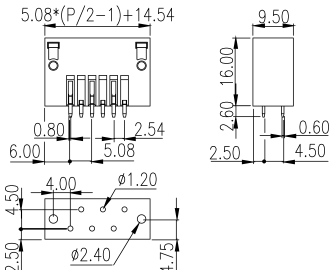
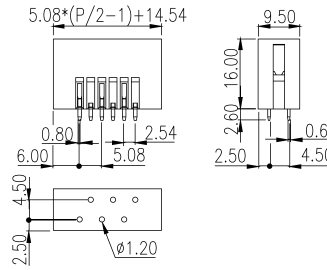
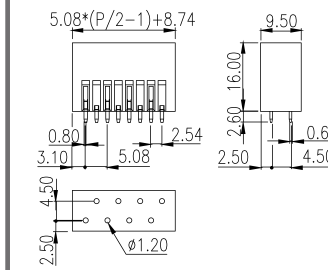
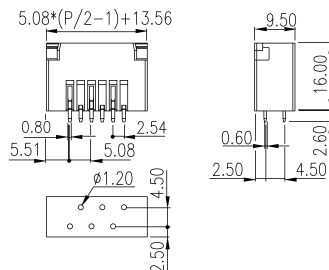
5.08mm			0225-46XX		0225-56XX		0225-66XX		0225-76XX														
Technical Data	UL	IEC	 		 		 		 														
Rated voltage	300V	320V																					
Rated current	12A	14A																					
Rated impulse voltage	4KV																						
Number of Positions																							
0225-46XX	04~40P																						
0225-47XX																							
0225-56XX																							
0225-57XX																							
0225-66XX																							
0225-67XX																							
0225-76XX																							
0225-77XX																							

 $5.08 \times (P/2 - 1) + 14.54$ 0.80 2.54 6.00 5.08	 16.00 9.50 0.60 2.60 10.50 4.50	 4.00 2.40 10.50 4.50 4.00 $\phi 1.20$
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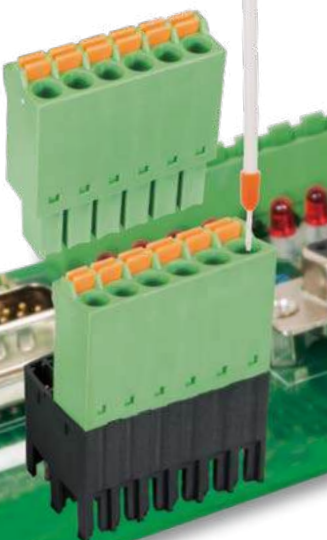
 $5.08 \times (P/2 - 1) + 14.54$ 0.80 2.54 6.00 5.08	 16.00 9.50 0.60 2.60 10.50 4.50	 10.50 4.50 $\phi 1.20$
--	--	--

 $5.08 \times (P/2 - 1) + 8.74$ 0.80 2.54 3.10 5.08	 16.00 9.50 0.60 2.60 10.50 4.50	 10.50 4.50 $\phi 1.20$
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 $5.08 \times (P/2 - 1) + 13.56$ 0.80 2.54 5.51 5.08	 16.00 9.50 0.60 2.60 10.50 4.50	 4.50 10.50 $\phi 1.20$
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5.08mm			0225-47XX		0225-57XX		0225-67XX		0225-77XX				
			 		 		 		 				
													

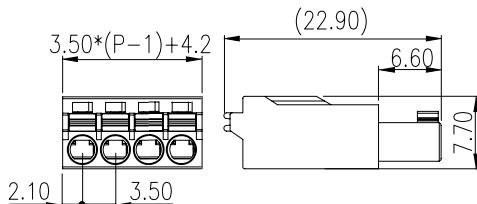
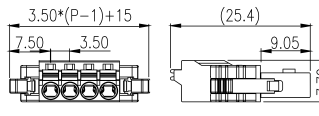
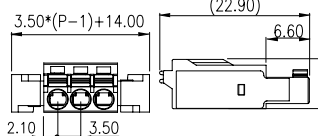
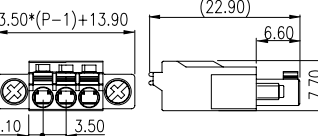
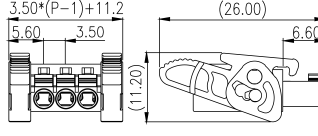
PID Plugs & Sockets

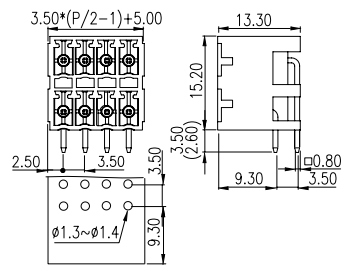
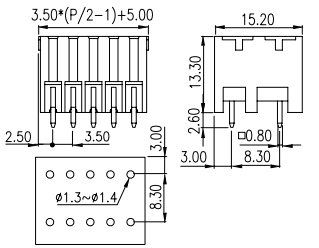
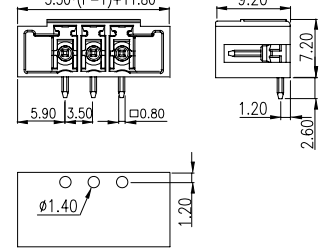
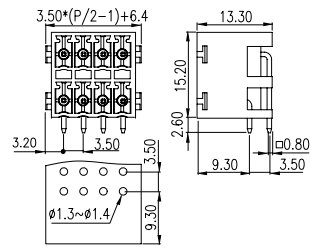
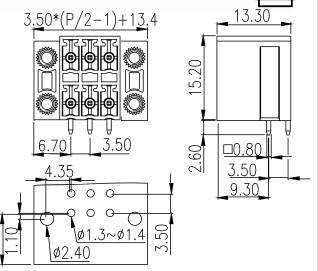
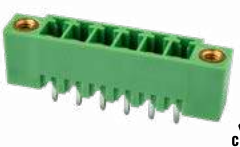
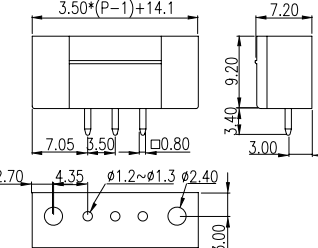


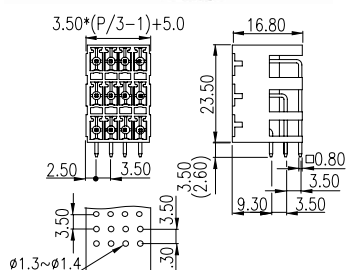
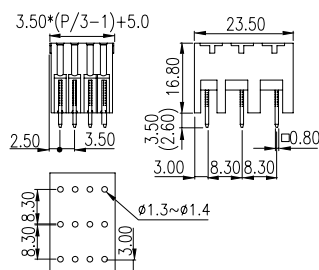
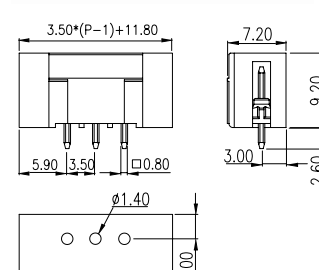
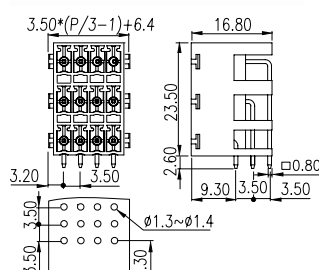
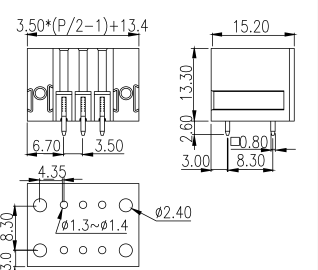
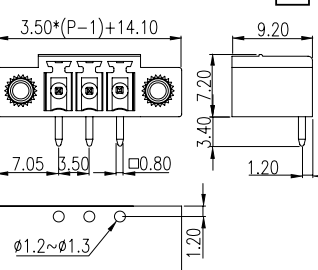
Connection method:
Push-in connection

Pitch:
3.50mm / 3.81mm /
5.00mm / 5.08mm
UL Rated:
300V / 8A ~300V / 10A
IEC Rated:
320V / 8A ~ 600V / 18A

- Push-in connection
single level plug, single,
double and triple row
socket
- Space saving flat
design plug, only 7.7mm
in height
- With testing hole
suitable for 1mm Ø test
probe
- The pin length for wave
soldering socket is
3.50mm
- Through-hole reflow
(THR) version socket is
available, standard pin
length 2.6mm
(The last suffix “L”
represents THR version.)

3.50mm			0221-20XX		0221-21XX		0221-24XX		0221-28XX		0221-29XX	
Technical Data			UL	IEC								
Rated voltage			300V	320V								
Rated current			8A	8A								
Solid (AWG/mm²)			24~16	0.2~1.5								
Flexible (AWG/mm²)			24~16	0.2~1.5								
Rated impulse voltage				2.5KV								
Wire strip length			8~10mm									
Number of Positions												
0221-21XX			02~18P									
0221-20XX												
0221-24XX												
0221-28XX			02~20P									
0221-29XX												
			 		 		 		 		 	

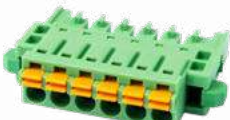
3.50mm			0221-22XX-BK (0221-22XXL)		0221-23XXL		ECH350RJ-XXP (ECH350RJ-XXPL)		0221-26XXL		0221-35XXL		ECH350VM-XXP (ECH350VM-XXPL)	
Technical Data			UL	IEC										
Rated voltage			300V	320V										
Rated current			8A	8A										
Rated impulse voltage				2.5KV										
Number of Positions														
ECH350RJ-XXP														
ECH350RJ-XXPL														
ECH350VJ-XXP														
ECH350VJ-XXPL			02~24P											
ECH350VM-XXP														
ECH350VM-XXPL														
ECH350RM-XXP														
ECH350RM-XXPL			04~48P											
0221-22XX-BK														
0221-22XXL														
0221-23XXL														
0221-26XXL														
0221-35XXL														
0221-36XXL														
0221-25XX-BK														
0221-25XXL			06~72P											
0221-27XX-BK														
0221-27XXL														
0221-41XX-BK														
0221-41XXL														
Accessories														
ECHK1			P66											
ECHK1L			P66											
			 		 		 		 		 		 	

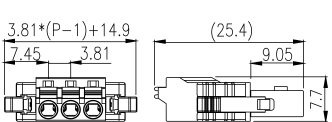
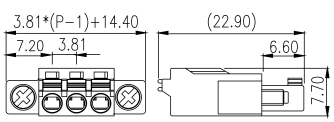
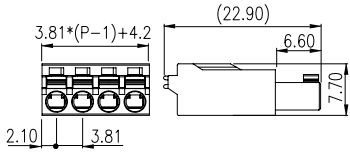
3.50mm			0221-25XX-BK (0221-25XXL)		0221-41XX-BK (0221-41XXL)		ECH350VJ-XXP (ECH350VJ-XXPL)		0221-27XX-BK (0221-27XXL)		0221-36XXL		ECH350RM-XXP (ECH350RM-XXPL)	
Technical Data			UL	IEC										
Rated voltage			300V	320V										
Rated current			8A	8A										
Rated impulse voltage				2.5KV										
Number of Positions														
ECH350RJ-XXP														
ECH350RJ-XXPL														
ECH350VJ-XXP														
ECH350VJ-XXPL			02~24P											
ECH350VM-XXP														
ECH350VM-XXPL														
ECH350RM-XXP														
ECH350RM-XXPL			04~48P											
0221-22XX-BK														
0221-22XXL														
0221-23XXL														
0221-26XXL														
0221-35XXL														
0221-36XXL														
0221-25XX-BK														
0221-25XXL			06~72P											
0221-27XX-BK														
0221-27XXL														
0221-41XX-BK														
0221-41XXL														
Accessories														
ECHK1			P66											
ECHK1L			P66											
			 		 		 		 		 		 	

Socket			Socket			Socket			Socket									
ECH350H-XXP			P70				ECH350VT-XXPL			P70	ECH350RM-XXP			P32	ECH350VD-XXP			P69
ECH350R-XXP			P69				Please refer to the related page number for the compatible headers.			ECH350RM-XXPL			P32	ECH350RD-XXP			P69	
ECH350R-XXPL			P69							ECH350VM-XXP			P32	Please refer to the related page number for the compatible headers.				
ECH350V-XXP			P69							ECH350VM-XXPL			P32					
ECH350V-XXPL			P69							ECH350RRM-XXP			P69					
ECH350RR-XXP			P69							ECH350RRM-XXPL			P69					
ECH350RR-XXPL			P69				Please refer to the related page number for the compatible headers.											

3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	8~10mm	
Number of Positions		
02~24P		

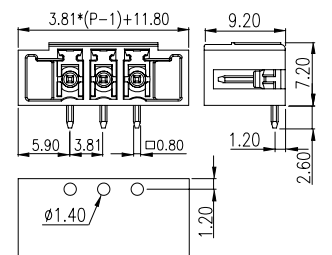
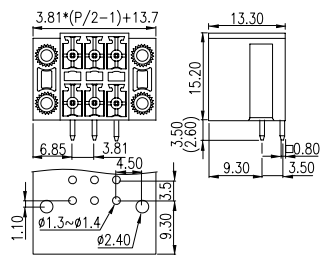
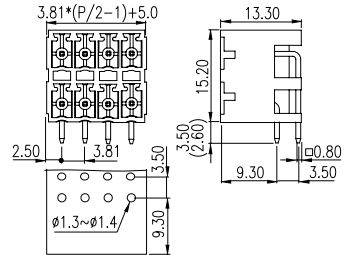




3.81mm

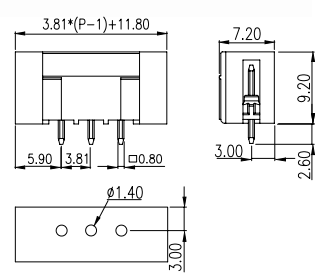
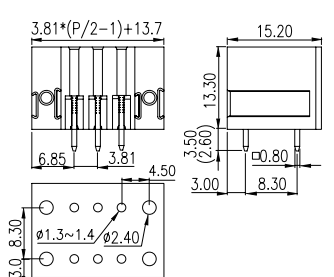
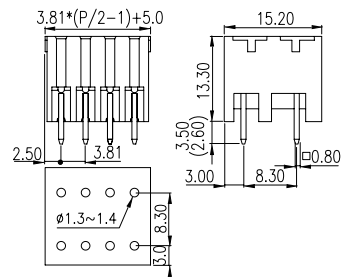
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	8A
Rated impulse voltage		2.5KV
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	





0221-39XX-BK (0221-39XXL)



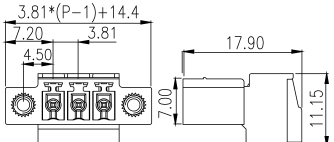


Socket

ECH381A-XXP	P72
ECH381H-XXP	P72
ECH381R-XXP	P71
ECH381R-XXPL	P71
ECH381V-XXP	P71
ECH381V-XXPL	P71
ECH381RR-XXP	P71
ECH381RR-XXPL	P71



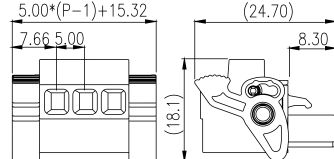
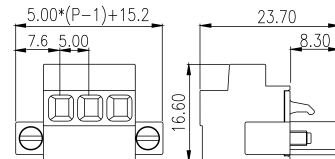
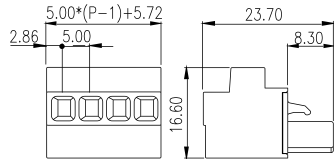
Refer to P.122



5.00mm

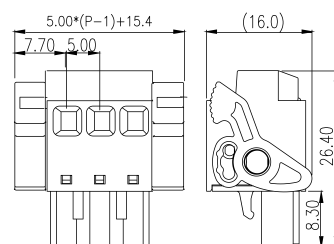
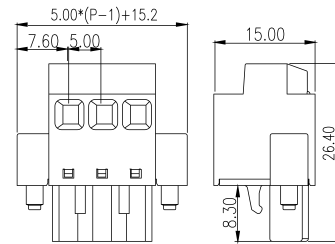
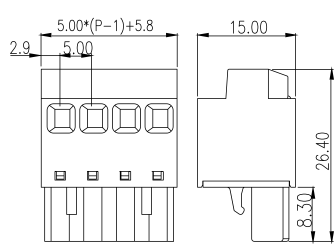
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	10A	18A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	10~11mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	





5ESR-XXP





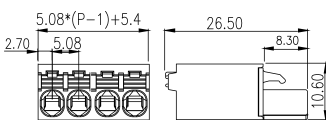
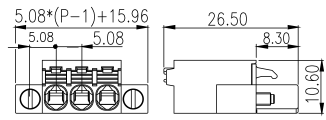
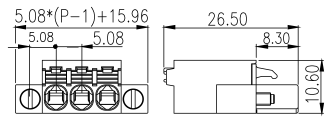
Socket

5EHDR-XXP	P73	5EHDKPM-XXP	P82
5EHDR-XXPL	P73	5EHDRM-XXP	P74
5EHDR-XXP	P73	5EHDRM-XXPL	P74
5EHDR-XXPL	P73	5EHDVM-XXP	P74
5EHDR-XXP	P73	5EHDVM-XXPL	P74
5EHDR-XXPL	P73	Please refer to the related page number for the compatible headers.	
5EHDR-XXP	P73		
5EHDR-XXPL	P73		
5EHDR-XXP	P73		
5EHDR-XXPL	P73		

Please refer to the related page number for the compatible headers.

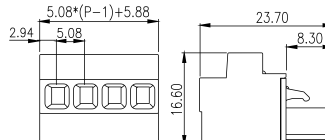
33

34

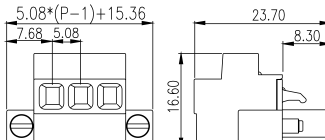
5.08mm			2ESS-XXP							
Technical Data	UL	IEC	 							
Rated voltage	300V	630V								
Rated current	15A	18A								
Solid (AWG/mm²)	24~12	0.2~2.5								
Flexible (AWG/mm²)	24~12	0.2~2.5								
Rated impulse voltage		4KV								
Wire strip length	10~11mm									
Number of Positions										
02~24P										
Accessories										
ESDK1	P66									
ESDK2	P66									
			Socket							
2EHDA-XXP	P75									
2EHDAC-XXP	P75									
2EHDR-XXP	P76									
2EHDR-XXPL	P76									
2EHDRC-XXP	P76									
2EHDRC-XXPL	P76									
2EHDV-XXP	P76									
2EHDV-XXPL	P76									
2EHDVC-XXP	P76									
2EHDVC-XXPL	P76									
			Please refer to the related page number for the compatible headers.							
			2ESSM-XXP							
 										
										
			Socket							
2EHDP-XXP	P81									
2EHDRM-XXP	P76									
2EHDRM-XXPL	P76									
2EHDVM-XXP	P76									
2EHDVM-XXPL	P76									
2EHDRRM-XXPL	P76									
			Please refer to the related page number for the compatible headers.							

5.08mm			2ESV-XXP		2ESVM-XXP		2ESVK-XXP	
Technical Data			UL		IEC			
Rated voltage			300V		600V			
Rated current			10A		18A			
Solid (AWG/mm²)			26~12		0.2~2.5			
Flexible (AWG/mm²)			26~12		0.2~2.5			
Rated impulse voltage					4KV			
Wire strip length			10~11mm					
Number of Positions			02~24P					
Accessories								
ESDK1			P66					
ESDK2			P66					

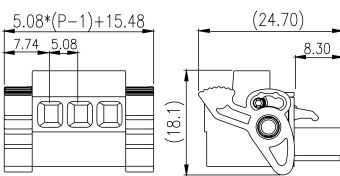


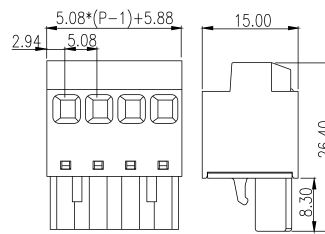
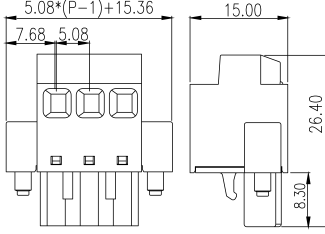
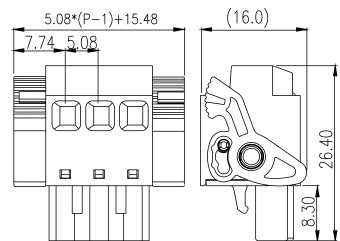




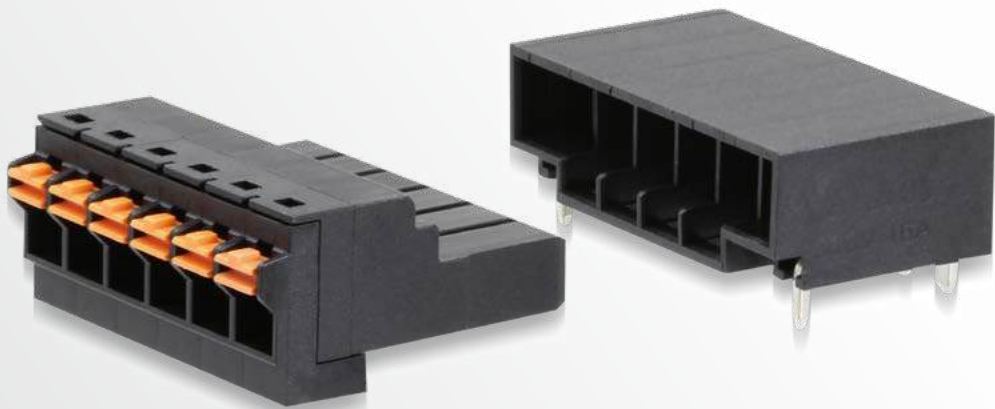






2ESR-XXP		2ESRM-XXP		2ESRK-XXP	
 		 		 	
					

PID Plugs & Sockets - Stable Type



Easy clip design



Strengthened mounting structure

Connection method: Push-in connection
Pitch: 5.00mm / 5.08mm / 6.35mm / 7.50mm
UL Rated: 300V / 16A, 600V / 20A
IEC Rated: 320V / 20A, 1000V / 20A

- With lock flange directly beneath
- The plug is in minimum width to save space
- Release tool (SDH-002) allows wiring operation by single hand
- Additional support pins on both sides of The socket for extra strength

5.08mm

0150-20XX

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	16A	20A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage	4KV	
Wire strip length	11~12mm	
Number of Positions		
02~24P		

5.08mm

0150-26XX

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	16A	20A
Rated impulse voltage	4KV	
Number of Positions		
0150-26XX 02~24P		

• 05~24P versions with support pin

6.35mm

0150-30XX

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	20A	20A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage	8KV	
Wire strip length	11~12mm	
Number of Positions		
02~12P		

6.35mm

0150-36XX

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	20A	20A
Rated impulse voltage	8KV	
Number of Positions		
02~12P		

7.50mm

0150-40XX

Technical Data	UL	IEC
Rated voltage	600V	630V
Rated current	15A	18A
Solid (AWG/mm²)	20~12	0.5~2.5
Flexible (AWG/mm²)	20~12	0.5~2.5
Rated impulse voltage	8KV	
Wire strip length	12~13mm	
Number of Positions		
02~12P		

7.50mm

0150-46XX

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Rated impulse voltage	6KV	
Number of Positions		
02~12P		

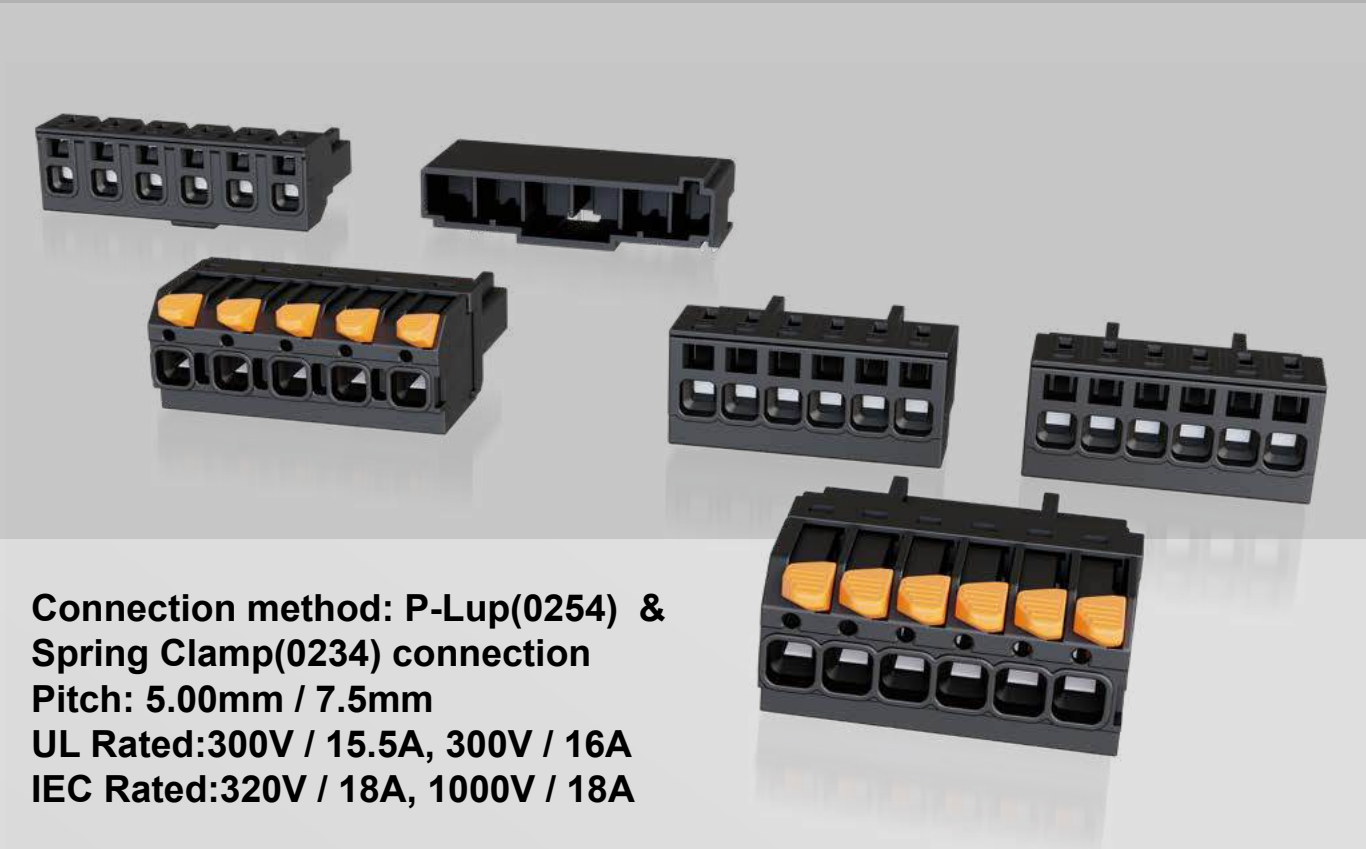
SDH-002 (for 0150 series only)

SDH-003 (for 0150 series only)

Basic type

Durable type

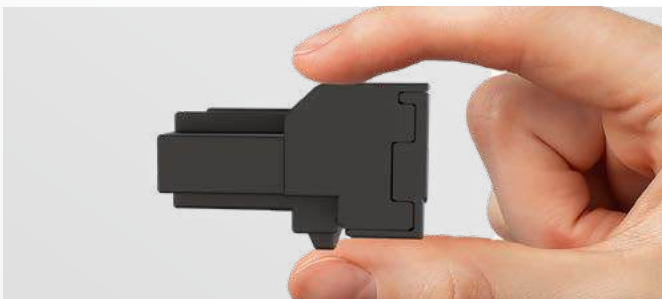
Spring Clamp / P-Lup Plugs & Sockets - Stable Type



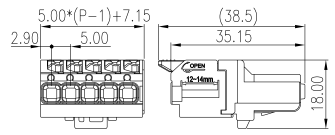
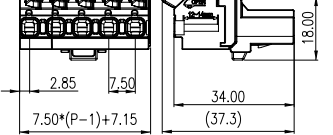
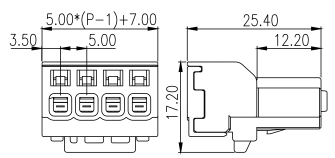
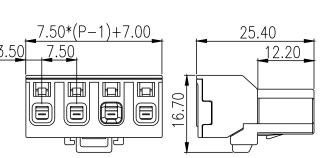
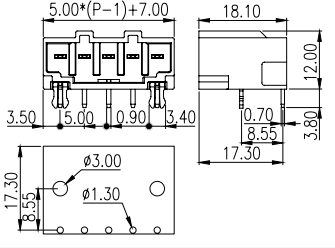
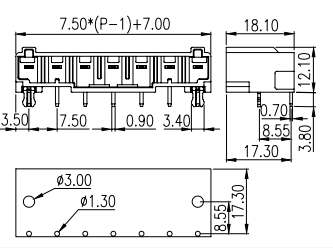
Connection method: P-Lup(0254) & Spring Clamp(0234) connection
Pitch: 5.00mm / 7.5mm
UL Rated:300V / 15.5A, 300V / 16A
IEC Rated:320V / 18A, 1000V / 18A



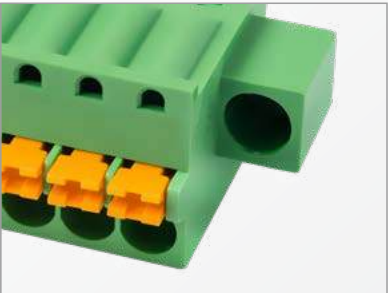
The plug features an innovative retractable spring clip and P-LUP mechanism, significantly enhancing user experience. The retractable spring clip ensures secure wiring and excellent vibration resistance, improving product safety and durability. The P-LUP design enables faster and easier cable insertion and removal, while the ergonomic handle enhances operational efficiency and reduces labor effort. This solution greatly reduces installation time, making it the optimal choice for professionals seeking high efficiency and superior quality.



The base adopts a push-lock mechanism that significantly reduces installation space requirements, maximizing spatial efficiency. The structure is robust yet lightweight and flexible, making it suitable for a wide range of installation environments. A distinct clicking sound upon engagement provides clear audible feedback, allowing users to confirm proper assembly with confidence. This enhances operational accuracy and efficiency, delivering a more intuitive and reliable experience for on-site installations.

5.00mm			0254-20XX		7.50mm			0254-30XX	
Technical Data	UL	IEC	 cULus		Technical Data	UL	IEC	 cULus	
Rated voltage	300V	320V			Rated voltage	300V	1000V		
Rated current	15.5A	18A			Rated current	16A	18A		
Solid (AWG/mm²)	28~12	0.2~2.5			Solid (AWG/mm²)	28~12	0.2~2.5		
Flexible (AWG/mm²)	28~12	0.2~2.5			Flexible (AWG/mm²)	28~12	0.2~2.5		
Rated impulse voltage		4KV			Rated impulse voltage		6KV		
Wire strip length	9~10mm				Wire strip length	9~10mm			
Number of Positions 02~14P					Number of Positions 02~12P				
									
			0234-20XX-MW					0234-30XX-MW	
			 cULus					 cULus	
									
			0234-26XX					0234-36XX	
			 cULus					 cULus	
									

PID Plugs & Sockets - Regular Type



Screw mounting flange for secure connection



Twin connection plug is available

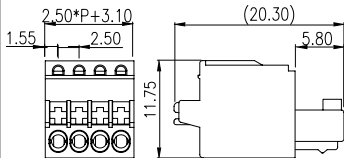
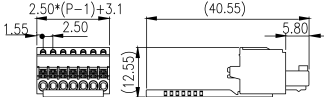


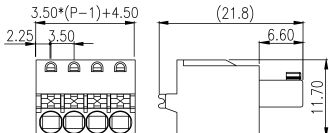
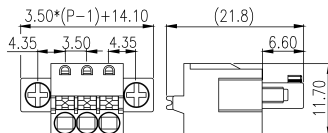
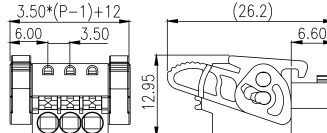
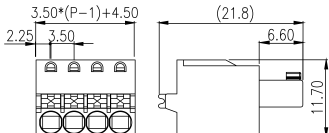
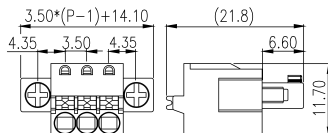
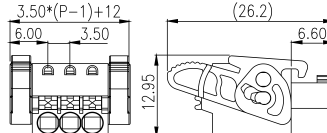
Plug can connect with reflow-solderable sockets

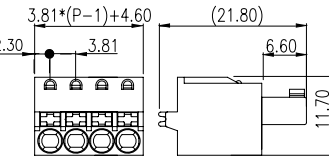
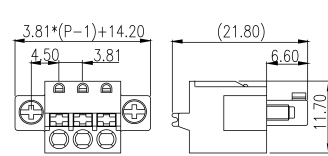
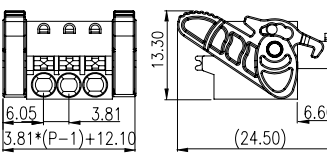
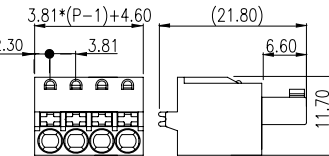
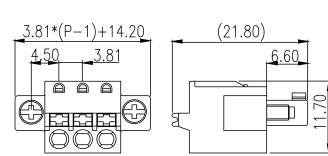
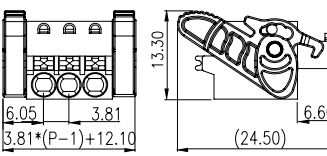
Connection method: Push-in connection
Pitch: 2.50mm / 3.50mm / 3.81mm / 5.00mm / 5.08mm / 7.62mm
UL Rated: 150V / 4A ~ 300V / 15A
IEC Rated: 320V / 12A ~ 800V /15A

- Direct Push-in connection single-level and front twin connection plugs
- Mounting by screw flange and Release tool.
- With testing holes

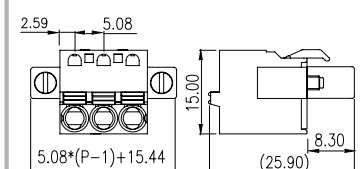
Testing hole dimensions		
Product series	Pitch(mm)	Hole Ø (mm)
ESC250	2.50	1.10
ESC350	3.50	1.25
ESC381	3.81	1.25
5ESDS	5.00	2.30
2ESDS	5.08	2.30
ESC508	5.08	1.25
3ESDS	7.62	2.30

2.50mm			ESC250V-XXP		ESC250L-XXP		Socket		
Technical Data			UL	IEC					
Rated voltage			150V	320V					
Rated current			4A	4A					
Solid (AWG/mm²)			28~20	0.2~0.5					
Flexible (AWG/mm²)			28~20	0.2~0.5					
Rated impulse voltage				2.5KV					
Wire strip length			8~9mm						
Number of Positions									
ESC250V-XXP			02~24P						
ESC250L-XXP			07~12P						
							ECH250R-XXP		P68
							ECH250R-XXPL		P68
					Build to order		ECH250V-XXP		P68
							ECH250V-XXPL		P68
							ECHB250R-XXP		P68
							ECHB250V-XXP		P68
							Please refer to the related page number for the compatible headers.		

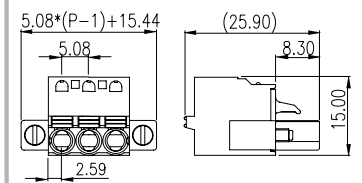
3.50mm			ESC350V-XXP		ESC350VM-XXP		ESC350VK-XXP			
Technical Data		UL	IEC							
Rated voltage		300V	500V							
Rated current		8A	10A							
Solid (AWG/mm²)		28~16	0.2~1.5							
Flexible (AWG/mm²)		28~16	0.2~1.5							
Rated impulse voltage			4KV							
Wire strip length		9~10mm								
Number of Positions		02~24P								
										
										
				Socket		Socket		Socket		
		ECH350V-XXP		P69	ECH350VM-XXP		P32	ECH350VD-XXP		P69
		ECH350V-XXPL		P69	ECH350VM-XXPL		P32	ECH350VM-XXPL		P32
		ECHB350V-XXP		P70	ECHB350VM-XXP		P70	ECH350RD-XXP		P69
		EECH350V-XXP		P70	EECH350VM-XXP		P70	ECH350RM-XXPL		P32
		ECH350H-XXP		P70	ECH350RM-XXP		P32	Please refer to the related page number for the compatible headers.		
		ECH350R-XXP		P69	ECH350RM-XXPL		P32			
		ECH350R-XXPL		P69	ECHB350RM-XXP		P70			
		ECHB350R-XXP		P70	EECH350RM-XXP		P70			
		EECH350R-XXP		P70	ECH350RRM-XXP		P69			
		ECH350RR-XXP		P69	ECH350RRM-XXPL		P69			
		ECH350RR-XXPL		P69	Please refer to the related page number for the compatible headers.					
				Please refer to the related page number for the compatible headers.						

3.81mm			ESC381V-XXP		ESC381VM-XXP		ESC381VK-XXP			
Technical Data		UL	IEC							
Rated voltage		300V	500V							
Rated current		8A	10A							
Solid (AWG/mm²)		28~16	0.2~1.5							
Flexible (AWG/mm²)		28~16	0.2~1.5							
Rated impulse voltage			4KV							
Wire strip length		9~10mm								
Number of Positions		02~20P								
										
										
				Socket		Socket		Socket		
		ECH381A-XXP		P72	ECH381AM-XXP		P72	ECHB381RRD-XXP		P72
		ECH381H-XXP		P72	ECH381RM-XXP		P71	Please refer to the related page number for the compatible headers.		
		ECH381R-XXP		P71	ECH381RM-XXPL		P71			
		ECH381R-XXPL		P71	ECH381VM-XXP		P71			
		ECH381V-XXP		P71	ECH381VM-XXPL		P71			
		ECH381V-XXPL		P71	Please refer to the related page number for the compatible headers.					
				Please refer to the related page number for the compatible headers.						

2ESDSM-XXP



2ESDSRM-XXP



Socket

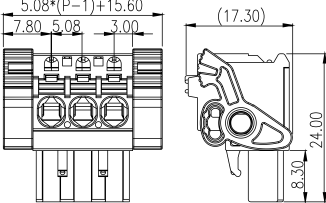
2EHDA-XXP	P75	2EHDRM-XXP	P76
2EHDAC-XXP	P75	2EHDRM-XXPL	P76
2EHDR-XXP	P76	2EHDVM-XXP	P76
2EHDR-XXPL	P76	2EHDVM-XXPL	P76
2EHDRC-XXP	P76	2EHDRRM-XXPL	P76
2EHDRC-XXPL	P76	Please refer to the related page number for the compatible headers.	
2EHDV-XXP	P76		
2EHDV-XXPL	P76		
2EHDVC-XXP	P76		
2EHDVC-XXPL	P76		
2EHDRR-XXPL	P76		
2EHDRR-XXPL	P76		

Please refer to the related page number
for the compatible headers.

5.08mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	10A	18A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	12~13mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

2ESDSVK-XXP

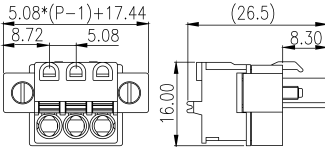


5.08*(P-1)+15.60
7.80 5.08 3.00
(17.30)
24.00
8.30

5.08mm

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	10A	12A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		6KV
Wire strip length	11~12mm	
Number of Positions		
02~24P		
Accessories		
ESDK1	P66	
ESDK2	P66	

0121-01XX



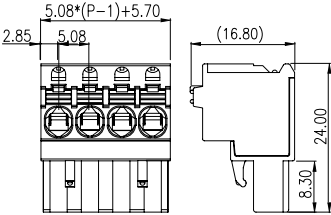
5.08*(P-1)+17.44
8.72 5.08
(26.5)
16.00
8.30

Socket

2EHDRM-XXP	P76
2EHDRM-XXPL	P76
2EHDVM-XXP	P76
2EHDVM-XXPL	P76
2EHDVRM-XXP	P77
2EHDVRM-XXPL	P77

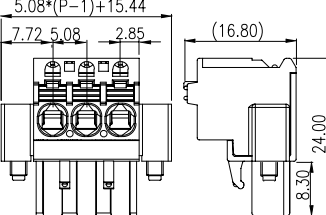
Please refer to the related page number for the compatible headers.

2ESDSV-XXP



5.08*(P-1)+5.70
2.85 5.08
(16.80)
24.00
8.30

2ESDSVM-XXP



5.08*(P-1)+15.44
7.72 5.08 2.85
(16.80)
24.00
8.30

Socket

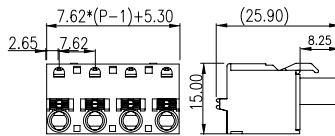
2EHDR-XXP	P76	2EHDRM-XXP	P76
2EHDR-XXPL	P76	2EHDRRM-XXPL	P76
2EHDRC-XXPL	P76	2EHDRM-XXPL	P76
2EHDV-XXP	P76	2EHDVM-XXP	P76
2EHDV-XXPL	P76	2EHDVM-XXPL	P76
2EHDVC-XXPL	P76	Please refer to the related page number for the compatible headers.	

Please refer to the related page number for the compatible headers.

7.62mm

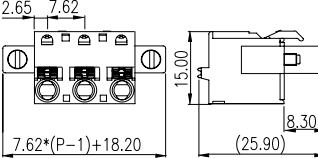
Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current		
3ESDS-XXP	10A	15A
3ESDSR-XXP		
3ESDSM-XXP		
3ESDSRM-XXP		
3ESDSRH	18A	
3ESDSRHM		
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage	6KV	
Wire strip length		
3ESDS-XXP	10~11mm	
3ESDSR-XXP		
3ESDSM-XXP		
3ESDSRM-XXP		
3ESDSRH	8~9mm	
3ESDSRHM		
Number of Positions		
02~12P		
Accessories		
ESDK1	P66	
ESDK2	P66	

3ESDS-XXP



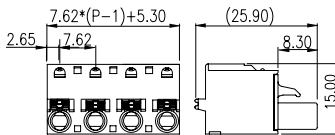
7.62*(P-1)+5.30
2.65 7.62
(25.90)
15.00
8.25

3ESDSM-XXP



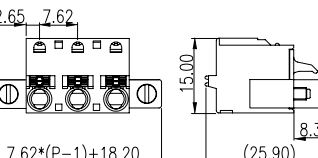
2.65 7.62
(25.90)
15.00
8.30
7.62*(P-1)+18.20

3ESDSR-XXP



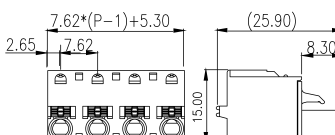
7.62*(P-1)+5.30
2.65 7.62
(25.90)
15.00
8.30

3ESDSRM-XXP



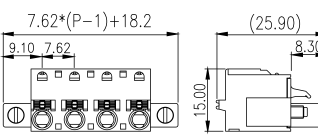
2.65 7.62
(25.90)
15.00
8.30
7.62*(P-1)+18.20

3ESDSRH-XXP



7.62*(P-1)+5.30
2.65 7.62
(25.90)
15.00
8.30

3ESDSRHM-XXP



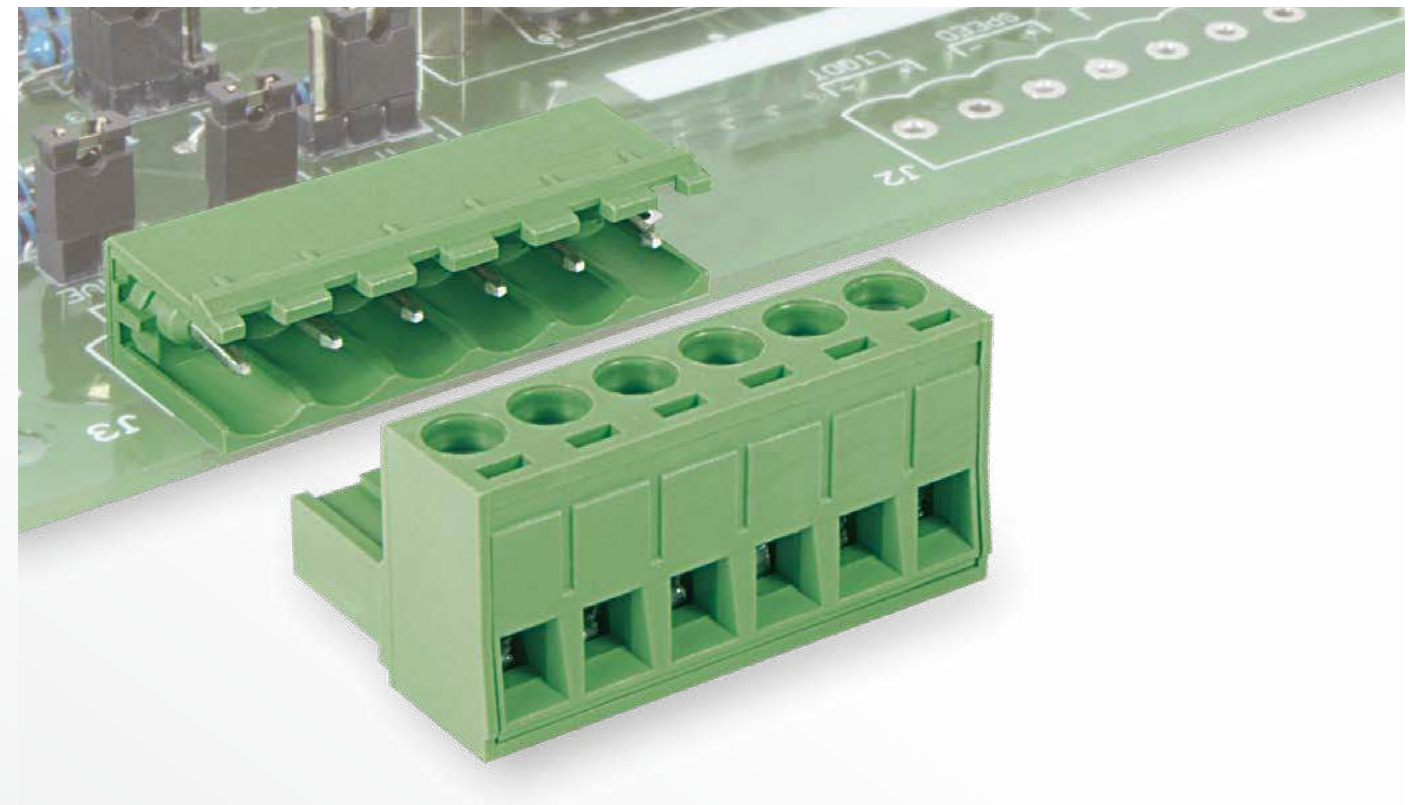
9.10 7.62
(25.90)
15.00
8.30
7.62*(P-1)+18.2

Socket

3EHDR-XXP	P78	3EHDRM-XXP	P78
3EHDRC-XXP	P78	3EHDVM-XXP	P78
3EHDV-XXP	P78	Please refer to the related page number for the compatible headers.	
3EHDVC-XXP	P78		

Please refer to the related page number for the compatible headers.

Screw Connection Plugs



Connection method: Screw connection

**Pitch: 3.50mm / 3.81mm / 5.00mm / 5.08mm / 6.35mm /
7.50mm / 7.62mm**

UL Rated: 300V / 8A ~ 600V / 20A

IEC Rated: 320V / 14A ~ 1000V / 16A

- Mating sockets include versions for wave soldering and reflow soldering
- Key codes available for fool-proof
- Rigid structure for excellent durability

The wire cage structure uses a high carbon steel material that undergoes a two-stage heat treatment process which strengthens the steel while maintaining ductility. The screw connection features a large contact surface that is suitable for solid and stranded wires. The wire cage is designed to ensure tight contact point which helps to achieve the low contact resistance and resistance to corrosion.

3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm²)	28~14	0.2~1.5
Flexible (AWG/mm²)	28~14	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N·m)	0.2~0.25	
Screw	M2	
Wire strip length	6~7mm	
Number of Positions		
EC350RM-XXP	02~20P	
EC350RLM-XXP		
EC350R-XXP	02~22P	
EC350RL-XXP		
EC350V-XXP		
EC350VM-XXP	02~24P	

EC350V-XXP

EC350R-XXP

EC350RL-XXP

EC350VM-XXP

EC350RM-XXP

EC350RLM-XXP

3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm²)	28~14	0.2~1.5
Flexible (AWG/mm²)	28~14	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N·m)	0.2~2.5	
Screw	M2	
Wire strip length	6~7mm	
Number of Positions		
EC381RM-XXP	02~20P	
EC381RLM-XXP		
EC381R-XXP	02~22P	
EC381RL-XXP		
EC381V-XXP		
EC381VM-XXP	02~24P	

EC381V-XXP

EC381R-XXP

EC381RL-XXP

EC381VM-XXP

EC381RM-XXP

EC381RLM-XXP

3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm²)	30~14	0.2~1.5
Flexible (AWG/mm²)	30~14	0.2~1.5
Rated impulse voltage	2KV	2.5KV
Torque (N·m)	0.2~0.25	
Screw	M2	
Wire strip length	8~9mm	
Number of Positions		
	02~24P	

EC350F-XXP

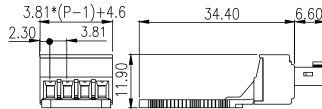
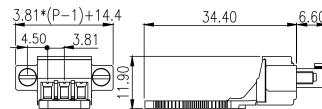
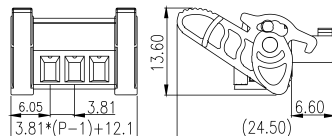
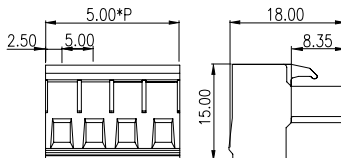
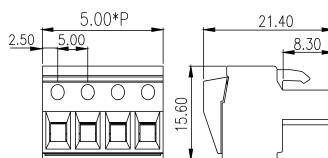
EC350FM-XXP

3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Solid (AWG/mm²)	30~14	0.2~1.5
Flexible (AWG/mm²)	30~14	0.2~1.5
Rated impulse voltage		2.5KV
Torque (N·m)	0.2~2.5	
Screw	M2	
Wire strip length	8~9mm	
Number of Positions		
EC381FM-XXP	02~22P	
EC381F-XXP	02~24P	

EC381F-XXP

EC381FM-XXP

3.81mm			EC381L-XXP		Socket																																																																				
<table><tr><td>Technical Data</td><td>UL</td><td>IEC</td></tr><tr><td>Rated voltage</td><td>300V</td><td>320V</td></tr><tr><td>Rated current</td><td>8A</td><td>14A</td></tr><tr><td>Solid (AWG/mm²)</td><td>28~14</td><td>0.2~1.5</td></tr><tr><td>Flexible (AWG/mm²)</td><td>28~14</td><td>0.2~1.5</td></tr><tr><td>Rated impulse voltage</td><td></td><td>2.5KV</td></tr><tr><td>Torque (N-m)</td><td colspan="2">0.2~0.25</td></tr><tr><td>Screw</td><td colspan="2">M2</td></tr><tr><td>Wire strip length</td><td colspan="2">6~7mm</td></tr><tr><td colspan="3">Number of Positions</td></tr><tr><td colspan="3">02~09P</td></tr></table>			Technical Data	UL	IEC	Rated voltage	300V	320V	Rated current	8A	14A	Solid (AWG/mm²)	28~14	0.2~1.5	Flexible (AWG/mm²)	28~14	0.2~1.5	Rated impulse voltage		2.5KV	Torque (N-m)	0.2~0.25		Screw	M2		Wire strip length	6~7mm		Number of Positions			02~09P					<table><tr><td>ECH381V-XXP</td><td>P71</td><td>ECH381A-XXP</td><td>P72</td></tr><tr><td>ECH381V-XXPL</td><td>P71</td><td>ECH381H-XXP</td><td>P72</td></tr><tr><td>ECHB381V-XXP</td><td>P72</td><td>ECH381R-XXP</td><td>P71</td></tr><tr><td>EECH381V-XXP</td><td>P72</td><td>ECH381R-XXPL</td><td>P71</td></tr><tr><td>ECH381RR-XXP</td><td>P71</td><td>ECHB381R-XXP</td><td>P72</td></tr><tr><td>ECH381RR-XXPL</td><td>P71</td><td>EECH381R-XXP</td><td>P72</td></tr></table>			ECH381V-XXP	P71	ECH381A-XXP	P72	ECH381V-XXPL	P71	ECH381H-XXP	P72	ECHB381V-XXP	P72	ECH381R-XXP	P71	EECH381V-XXP	P72	ECH381R-XXPL	P71	ECH381RR-XXP	P71	ECHB381R-XXP	P72	ECH381RR-XXPL	P71	EECH381R-XXP	P72									
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ECH381RR-XXP	P71	ECHB381R-XXP	P72																																																																						
ECH381RR-XXPL	P71	EECH381R-XXP	P72																																																																						
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			Build to order																																																																						
3.81mm			EC381LM-XXP		Socket																																																																				
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5.00mm			5ESDT-XXP		5ESDTS-XXP																																																																				
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02~24P																																																																									
Accessories																																																																									
02~04P																																																																									
ESDK1			P66																																																																						
ESDK2			P66																																																																						
5EHDR-XXP	P73																																																																								
5EHDRC-XXP	P73																																																																								
5EHDV-XXP	P73																																																																								
5EHDVC-XXP	P73																																																																								
5EH-XPL	P129																																																																								
5EH-XPR	P130																																																																								
5EHDRR-XXP	P73																																																																								
5EHDK-XXP	P82																																																																								
							Please refer to the related page number for the compatible headers.																																																																		

Socket

5EHDV-XX

5EHDV-XX

5EHDVC-XX

5EHDVC-XX

5EHDVB-XX

5EEHDV-XX

5EHDR-XX

5EHDR-XX

5EHDRC-XX

Please refer to the

Please refer to the related page number for the compatible headers.

Socket

The technical drawing shows a side view of the terminal block with the following dimensions:

- Total height: 26.05
- Height from base to top of mounting tabs: 8.35
- Width between mounting tabs: 12.40

Certification marks include the UL logo with "C" and "US" and the CE mark.

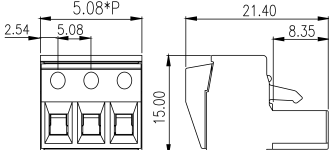
Please refer to the related page number for the compatible headers.

Socket

Please refer to the related page number for the compatible headers.

Please refer to the related page number for the compatible headers.

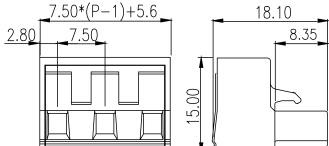
Please refer to the related page number for the compatible headers

5.08mm			2ESDV-XXP		2ESDA-XXP		2ESDP-XXP		2ESDPL-XXP		2ESDL-XXP		Socket																																																					
Technical Data <table><tr><td>UL</td><td>IEC</td></tr><tr><td>Rated voltage</td><td>300V 600V</td></tr><tr><td>Rated current</td><td>15A 18A</td></tr><tr><td>Solid (AWG/mm²)</td><td>28~12 0.2~4</td></tr><tr><td>Flexible (AWG/mm²)</td><td>30~12 0.2~2.5</td></tr><tr><td>Rated impulse voltage</td><td>4KV</td></tr><tr><td>Torque (N-m)</td><td>0.4~0.5</td></tr><tr><td>Screw</td><td>M2.5</td></tr><tr><td>Wire strip length</td><td>7~8mm</td></tr></table> Number of Positions			UL	IEC	Rated voltage	300V 600V	Rated current	15A 18A	Solid (AWG/mm²)	28~12 0.2~4	Flexible (AWG/mm²)	30~12 0.2~2.5	Rated impulse voltage	4KV	Torque (N-m)	0.4~0.5	Screw	M2.5	Wire strip length	7~8mm	 		 		 		 		 		<table><tr><td>2EHDV-XXP</td><td>P76</td><td>2EHDRC-XXP</td><td>P76</td></tr><tr><td>2EHDV-XXPL</td><td>P76</td><td>2EHDRC-XXPL</td><td>P76</td></tr><tr><td>2EHDVC-XXP</td><td>P76</td><td>2EHDA-XXP</td><td>P75</td></tr><tr><td>2EHDVC-XXPL</td><td>P76</td><td>2EHDAC-XXP</td><td>P75</td></tr><tr><td>2EHDBV-XXP</td><td>P77</td><td>2EHDBR-XXP</td><td>P77</td></tr><tr><td>2EEHDV-XXP</td><td>P77</td><td>2EEHDR-XXP</td><td>P77</td></tr><tr><td>2EHDR-XXP</td><td>P76</td><td>2EHDRR-XXPL</td><td>P76</td></tr><tr><td>2EHDR-XXPL</td><td>P76</td><td>2EHDRRC-XXPL</td><td>P76</td></tr></table> Please refer to the related page number for the compatible headers.				2EHDV-XXP	P76	2EHDRC-XXP	P76	2EHDV-XXPL	P76	2EHDRC-XXPL	P76	2EHDVC-XXP	P76	2EHDA-XXP	P75	2EHDVC-XXPL	P76	2EHDAC-XXP	P75	2EHDBV-XXP	P77	2EHDBR-XXP	P77	2EEHDV-XXP	P77	2EEHDR-XXP	P77	2EHDR-XXP	P76	2EHDRR-XXPL	P76	2EHDR-XXPL	P76	2EHDRRC-XXPL	P76
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2EHDV-XXPL	P76	2EHDRC-XXPL	P76																																																															
2EHDVC-XXP	P76	2EHDA-XXP	P75																																																															
2EHDVC-XXPL	P76	2EHDAC-XXP	P75																																																															
2EHDBV-XXP	P77	2EHDBR-XXP	P77																																																															
2EEHDV-XXP	P77	2EEHDR-XXP	P77																																																															
2EHDR-XXP	P76	2EHDRR-XXPL	P76																																																															
2EHDR-XXPL	P76	2EHDRRC-XXPL	P76																																																															
Accessories <table><tr><td>ESDK1</td><td>P66</td></tr><tr><td>ESDK2</td><td>P66</td></tr></table>			ESDK1	P66	ESDK2	P66	2ESDVM-XXP		2ESDAM-XXP		2ESDPM-XXP		2ESDPLM-XXP		2ESDVNM-XXP		Socket																																																	
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ESDK2	P66																																																																	
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2EHDRM-XXP	P76																																																																	
5.08mm			2ESDVS-03P		Socket																																																													
Technical Data <table><tr><td>UL</td><td>IEC</td></tr><tr><td>Rated voltage</td><td>300V 630V</td></tr><tr><td>Rated current</td><td>15A 18A</td></tr><tr><td>Solid (AWG/mm²)</td><td>28~12 0.2~4</td></tr><tr><td>Flexible (AWG/mm²)</td><td>30~12 0.2~2.5</td></tr><tr><td>Rated impulse voltage</td><td>4KV</td></tr><tr><td>Torque (N-m)</td><td>0.4~0.6</td></tr><tr><td>Screw</td><td>M2.5</td></tr><tr><td>Wire strip length</td><td>7~8mm</td></tr></table> Number of Positions 03P			UL	IEC	Rated voltage	300V 630V	Rated current	15A 18A	Solid (AWG/mm²)	28~12 0.2~4	Flexible (AWG/mm²)	30~12 0.2~2.5	Rated impulse voltage	4KV	Torque (N-m)	0.4~0.6	Screw	M2.5	Wire strip length	7~8mm	 		<table><tr><td>2EHDA-XXP</td><td>P75</td><td>2EHDV-XXP</td><td>P76</td></tr><tr><td>2EHDAC-XXP</td><td>P75</td><td>2EHDVC-XXP</td><td>P76</td></tr><tr><td>2EHDR-XXP</td><td>P76</td><td>2EHDV-XXPL</td><td>P76</td></tr><tr><td>2EHDRC-XXP</td><td>P76</td><td>2EHDVC-XXPL</td><td>P76</td></tr><tr><td>2EHDR-XXPL</td><td>P76</td><td>2EHDRR-XXPL</td><td>P76</td></tr><tr><td>2EHDRC-XXPL</td><td>P76</td><td>2EHDRRC-XXPL</td><td>P76</td></tr></table> Please refer to the related page number for the compatible headers.												2EHDA-XXP	P75	2EHDV-XXP	P76	2EHDAC-XXP	P75	2EHDVC-XXP	P76	2EHDR-XXP	P76	2EHDV-XXPL	P76	2EHDRC-XXP	P76	2EHDVC-XXPL	P76	2EHDR-XXPL	P76	2EHDRR-XXPL	P76	2EHDRC-XXPL	P76	2EHDRRC-XXPL	P76								
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2EHDR-XXPL	P76	2EHDRR-XXPL	P76																																																															
2EHDRC-XXPL	P76	2EHDRRC-XXPL	P76																																																															
																																																																		

7.50mm		
Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	15A	18A
Solid (AWG/mm²)	28~12	0.2~4
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage		6KV
Torque (N·m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
7ESDP-XXP	02~11P	
7ESDPL-XXP		
7ESDPM-XXP		
7ESDPLM-XXP		
7ESDV-XXP	02~12P	
7ESDVM-XXP		
Accessories		
ESDK1	P66	
ESDK2	P66	

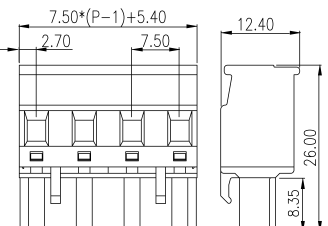
7ESDV-XXP





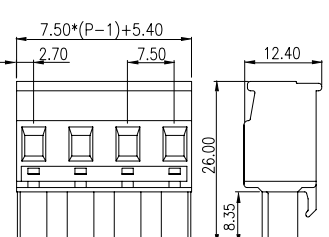
7ESDP-XXP





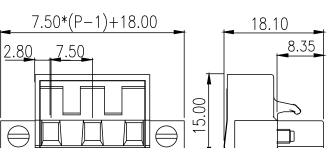
7ESDPL-XXP





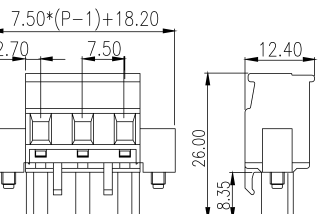
7ESDVM-XXP





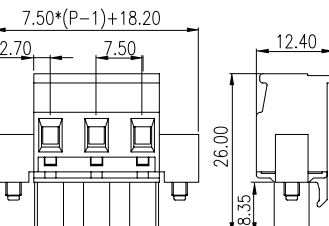
7ESDPM-XXP





7ESDPLM-XXP

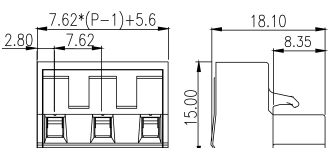




7.62mm		
Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	15A	18A
Solid (AWG/mm ²)		
3ESDV-XXP	28~12	0.2~4
3ESDP-XXP		
3ESDVM-XXP		
3ESDPM-XXP		
Flexible (AWG/mm ²)	30~12	0.2~2.5
Rated impulse voltage		6KV
Torque (N·m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
3ESDV-XXP	02~12P	
3ESDP-XXP		
3ESDPL-XXP		
3ESDPM-XXP		
3ESDPLM-XXP		
3ESDVM-XXP	02~14P	
Accessories		
ESDK1	P66	
ESDK2	P66	

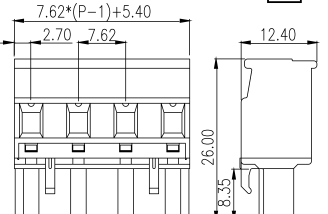
3ESDV-XXP





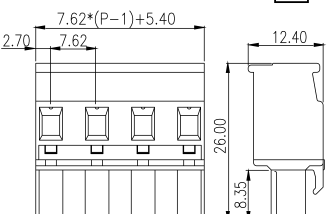
3ESDP-XXP





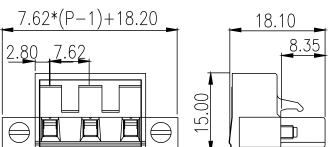
3ESDPL-XXP





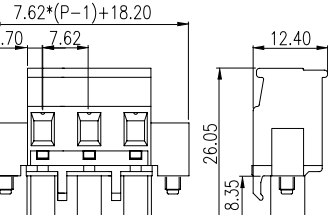
3ESDVM-XXP





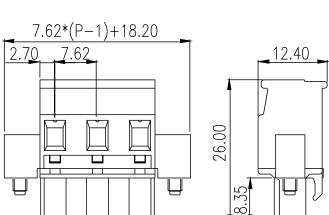
3ESDPM-XXP





3ESDPLM-XXP





Socket	
7EHDV-XXP	P78
7EHDVC-XXP	P78
7EHDR-XXP	P78
7EHDRC-XXP	P78

Please refer to the related page number for the compatible headers.

Socket	
7EHDVM-XXP	P78
7EHDRM-XXP	P78

Please refer to the related page number for the compatible headers.

Socket	
3EHDV-XXP	P78
3EHDVC-XXP	P78
3EHDR-XXP	P78
3EHDRC-XXP	P78

Please refer to the related page number for the compatible headers.

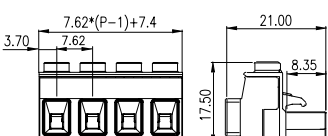
Socket	
3EHDVM-XXP	P78
3EHDRM-XXP	P78

Please refer to the related page number for the compatible headers.

7.62mm		
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	20A	16A
Solid (AWG/mm ²)	28~12	0.2~2.5
Flexible (AWG/mm ²)	30~12	0.2~2.5
Rated impulse voltage		8KV
Torque (N·m)	0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
02~12P		

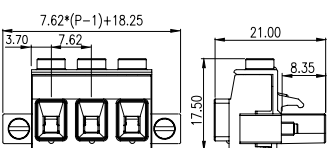
3ESDVH-XXP





3ESDVHM-XXP





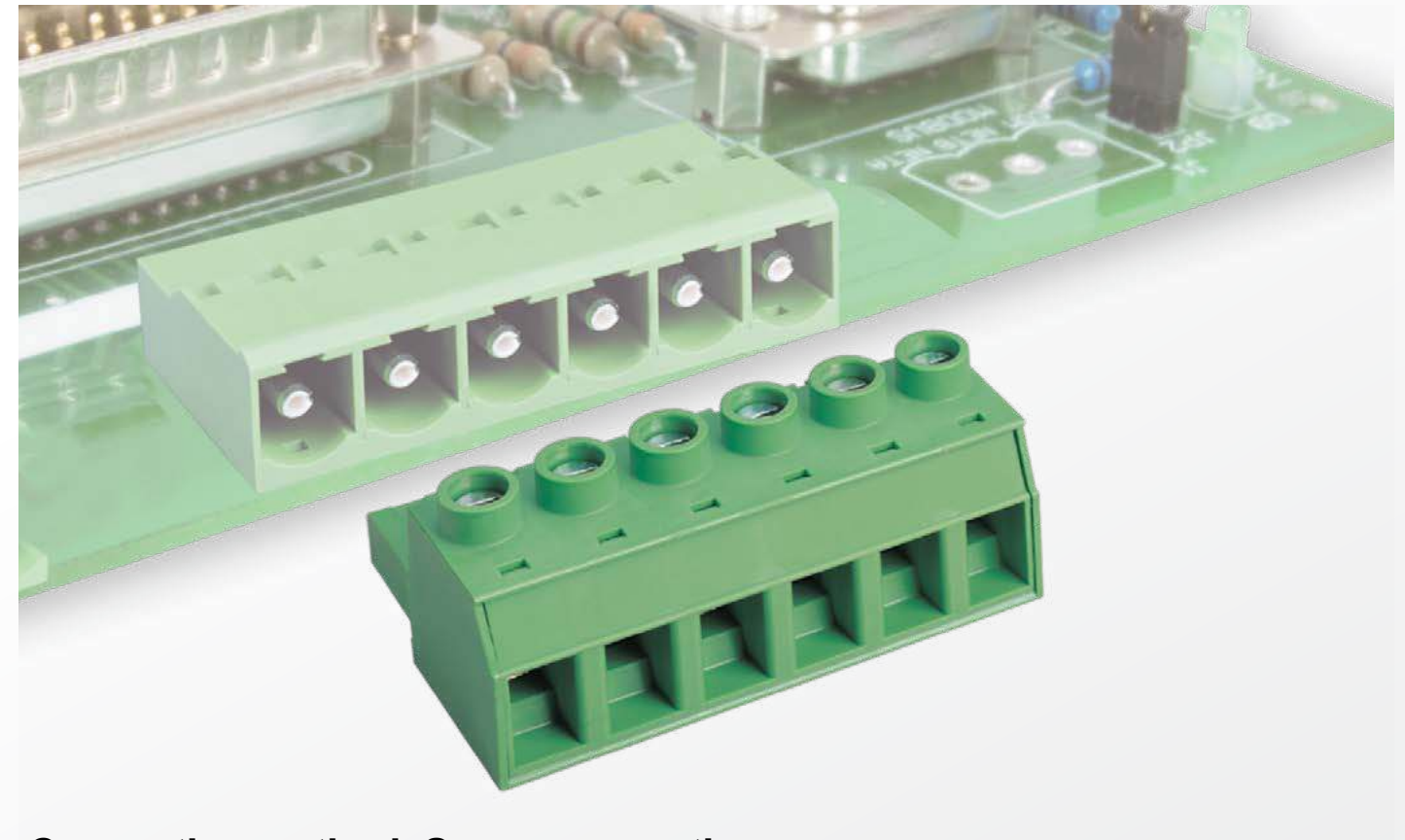
Socket	
3EHDV-XXP	P78
3EHDVC-XXP	P78
3EHDR-XXP	P78
3EHDRC-XXP	P78

Please refer to the related page number for the compatible headers.

Socket	
3EHDVM-XXP	P78
3EHDRM-XXP	P78

Please refer to the related page number for the compatible headers.

Screw Connection Plugs - High Power Application



Connection method: Screw connection

Pitch: 7.62mm / 10.16mm / 15.00mm

UL Rated: 600V / 15A ~ 600V / 115A

IEC Rated: 320V / 24A ~ 1000V / 125A

- 3ESNP series plug has a voltage capacity of 600V and current capacity up to 18A in a compact structure, and can be used with standard 3EHD series socket
- EC762 series has a high current capacity up to 40A UL rating , and adopts M3 screw with connection up to 4mm² stranded wire
- 02~06P are available in horizontal design
- EC116V series plug has a current capacity of 51A UL rating and 75A IEC rating

The socket versions include vertical and horizontal plug-in direction to the PCB and an inverted version is available where solder-in direction is rotated by 180.



3ESNP series



EC762 series



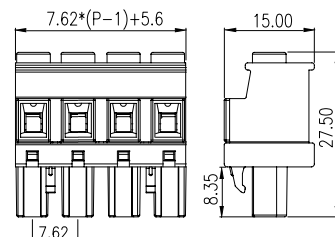
EC116V series

7.62mm		
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	15A	24A
Solid (AWG/mm²)	28~12	0.2~2.5
Flexible (AWG/mm²)	28~12	0.2~2.5
Rated impulse voltage		8KV
Torque (N·m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
02~12P		
Accessories		
ESDK1	P66	
ESDK2	P66	

3ESNP-XXP

600V

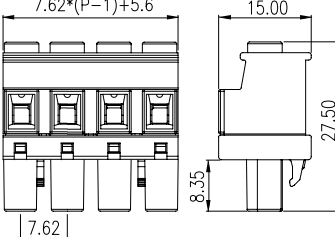




3ESNPL-XXP

600V





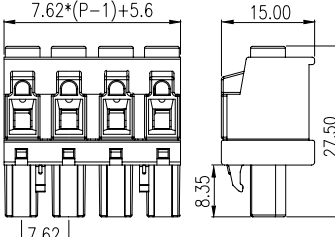
Socket	
3EHDV-XXP	P78
3EHDVC-XXP	P78
3EHDR-XXP	P78
3EHDRC-XXP	P78

Please refer to the related page number for the compatible headers.

3ESNPS-XXP

600V

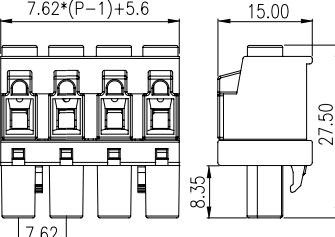




3ESNPLS-XXP

600V

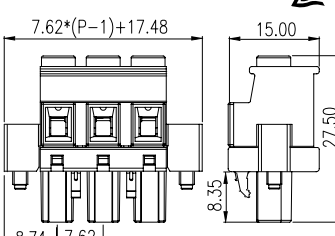




3ESNPM-XXP

600V

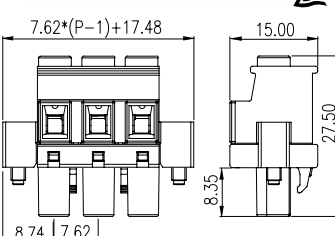




3ESNPML-XXP

600V





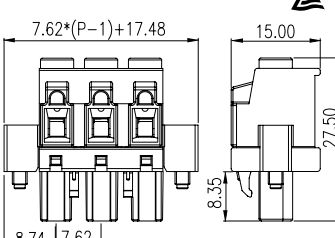
Socket	
3EHDVM-XXP	P78
3EHDRM-XXP	P78

Please refer to the related page number for the compatible headers.

3ESNPSM-XXP

600V

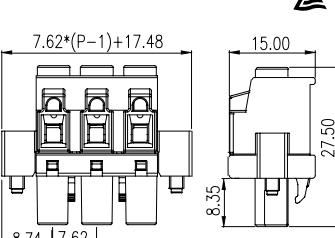




3ESNP LSM-XXP

600V



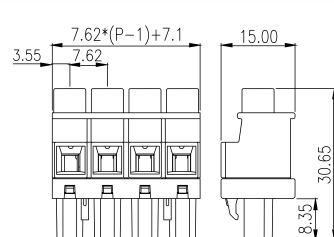


7.62mm		
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	25A	24A
Solid (AWG/mm²)	28~10	0.2~4
Flexible (AWG/mm²)	28~10	0.2~4
Rated impulse voltage		8KV
Torque (N·m)	0.5~0.6	
Screw	M3	
Wire strip length	7~8mm	
Number of Positions		
02~12P		
Accessories		
ESDK1	P66	
ESDK2	P66	

3ESNPH-XXP

600V

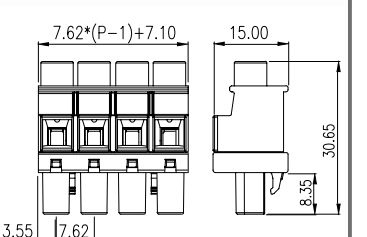




3ESNPHL-XXP

600V





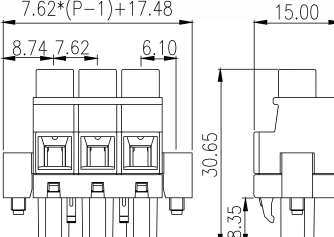
Socket	
3EHDV-XXP	P78
3EHDVC-XXP	P78
3EHDR-XXP	P78
3EHDRC-XXP	P78

Please refer to the related page number for the compatible headers.

3ESNPHM-XXP

600V

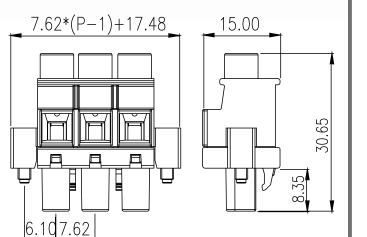




3ESNPHLM-XXP

600V





Socket	
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3EHDRM-XXP	P78

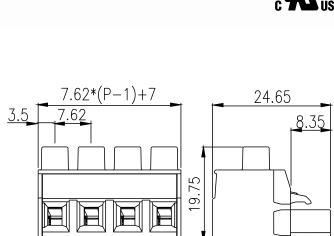
Please refer to the related page number for the compatible headers.

7.62mm		
Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	25A	24A
Solid (AWG/mm²)	28~10	0.2~4
Flexible (AWG/mm²)	28~10	0.2~4
Rated impulse voltage		8KV
Torque (N·m)	0.5~0.6	
Screw	M3	
Wire strip length	7~8mm	
Number of Positions		
02~12P		
Accessories		
ESDK1	P66	

3ESNVH-XXP

600V





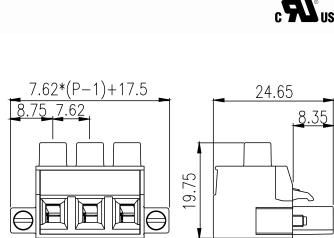
Socket	
3EHDV-XXP	P78
3EHDVC-XXP	P78
3EHDR-XXP	P78
3EHDRC-XXP	P78

Please refer to the related page number for the compatible headers.

3ESNVHM-XXP

600V





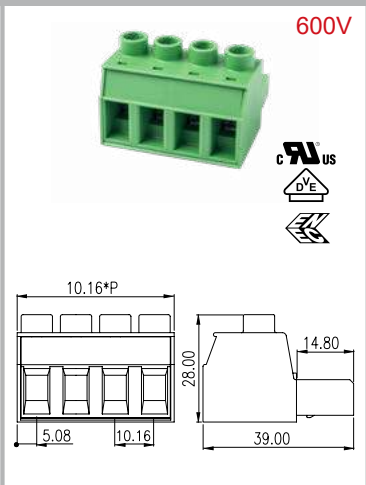
Socket	
3EHDVM-XXP	P78
3EHDRM-XXP	P78

Please refer to the related page number for the compatible headers.

10.16mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Solid (AWG/mm ²)	16~6	0.5~16
Flexible (AWG/mm ²)	16~6	0.5~16
Rated impulse voltage		8KV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	14~15mm	
Number of Positions		
02~10P		
Accessories		
ECHK2	P66	

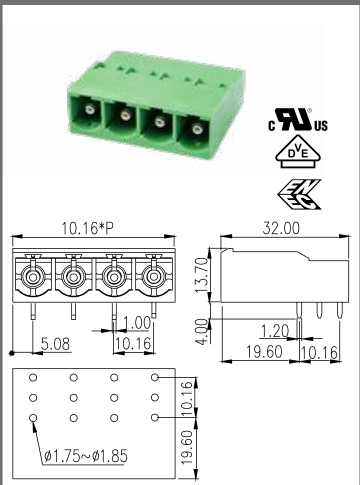
EC116V-XXP



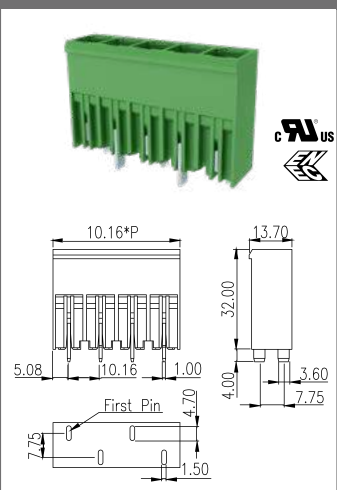
10.16mm

Technical Data	UL	IEC
Rated voltage		
ECH116R-XXP	300V	1000V
ECH116V-XXP		
ECH116L-XXP	600V	
ECH116HVS-XXP		
ECH116HRS-XXP	51A	76A
Rated current		
Rated impulse voltage		8KV
Number of Positions		
02~10P		
Accessories		
ECHK2	P66	

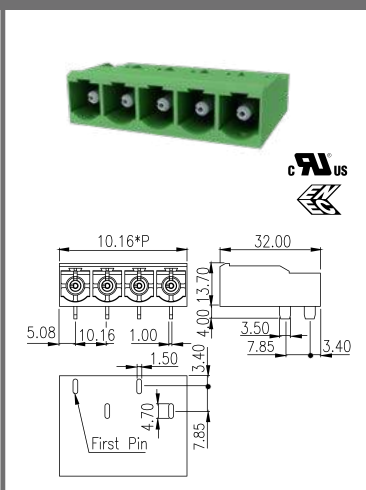
ECH116R-XXP



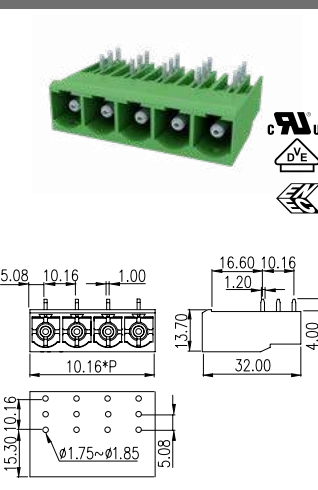
ECH116HVS-XXP



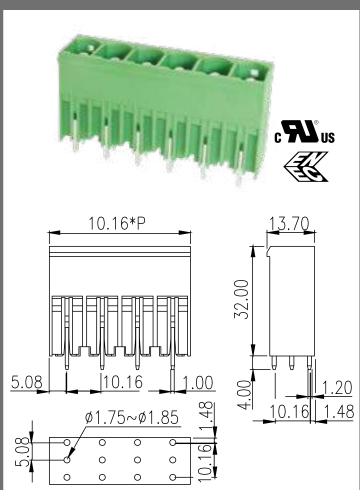
ECH116HRS-XXP



ECH116L-XXP



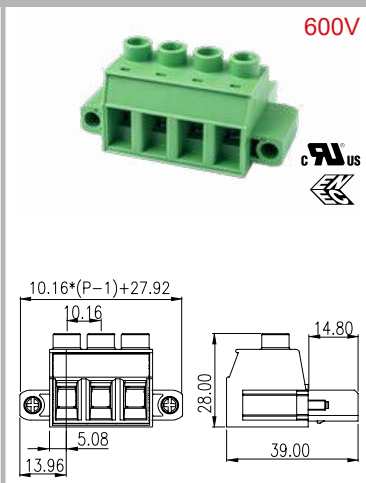
ECH116V-XXP



10.16mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Solid (AWG/mm ²)	16~6	0.5~16
Flexible (AWG/mm ²)	16~6	0.5~16
Rated impulse voltage	8KV	
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	14~15mm	
Number of Positions		
02~08P		
Accessories		
ECHK2	P66	

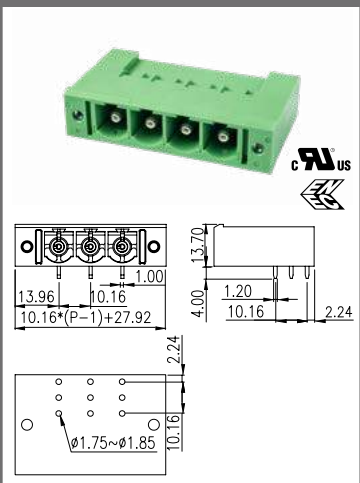
EC116VM-XXP



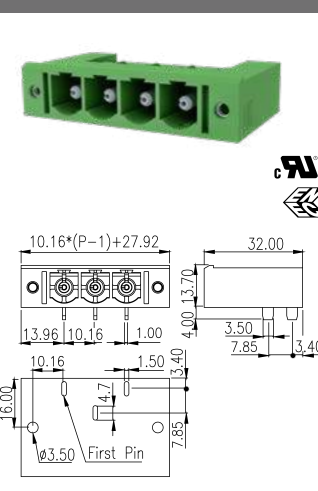
10.16mm

Technical Data	UL	IEC
Rated voltage		
ECH116RM-XXP	300V	1000V
ECH116HVSM-XXP	600V	
ECH116HRSM-XXP		
Rated current	51A	76A
Rated impulse voltage		8KV
Number of Positions		
02~08P		
Accessories		
ECHK2		P66

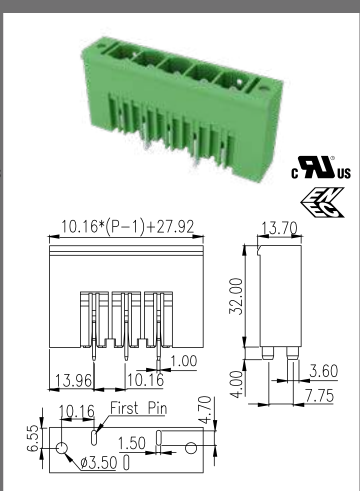
ECH116RM-XXP



ECH116HRSM-XXP



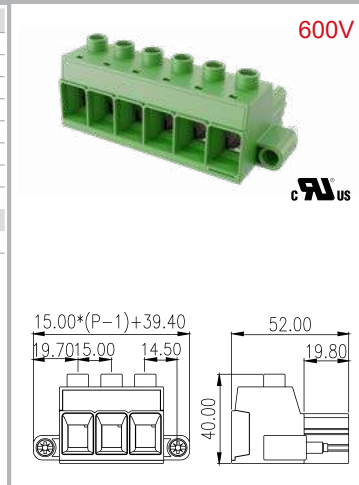
ECH116HVSM-XXP



15.00mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	115A	125A
Solid (AWG/mm2)	20~2	0.5~35
Flexible (AWG/mm2)	20~2	0.5~35
Rated impulse voltage	8KV	
Torque (N-m)	2.5~4	
Screw	M5	
Wire strip length	19~20mm	
Number of Positions		
02~08P		

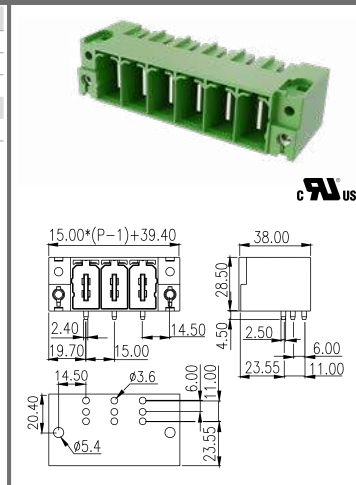
EC150VM-XXP



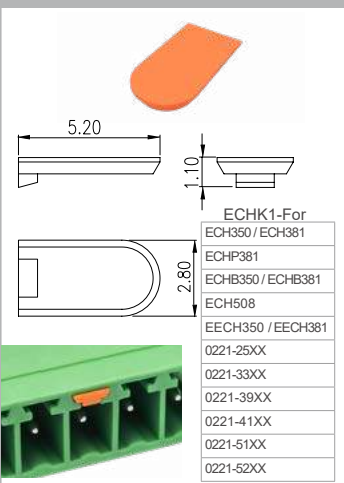
15.00mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	115A	125A
Rated impulse voltage		8KV
Number of Positions		
02-08P		

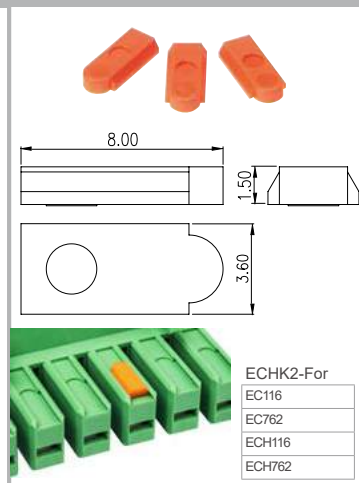
ECH150RM-XXP



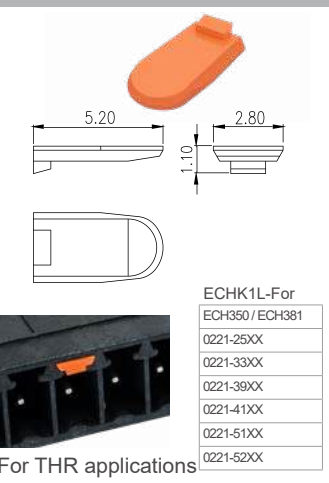
ECHK1



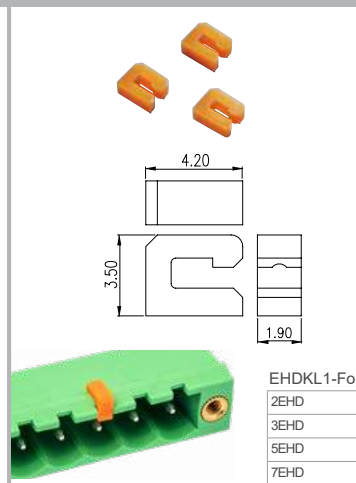
ECHK2



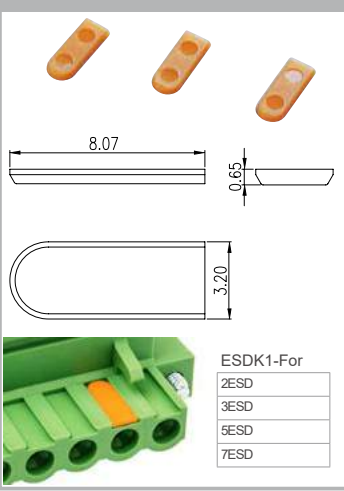
ECHK1L



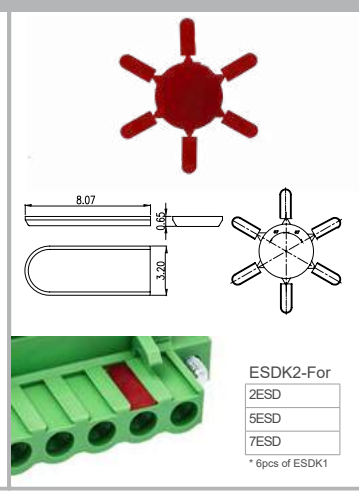
EHDK1



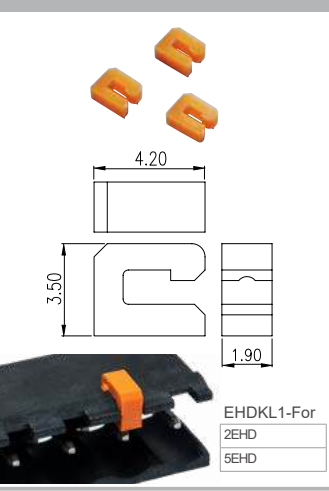
ESDK1



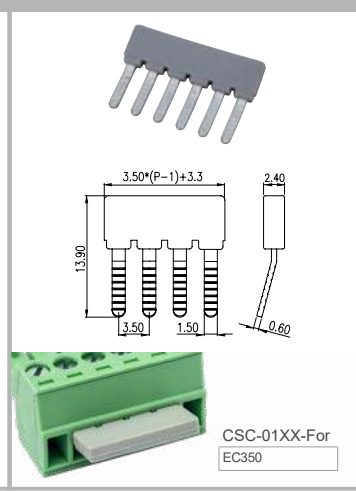
ESDK2



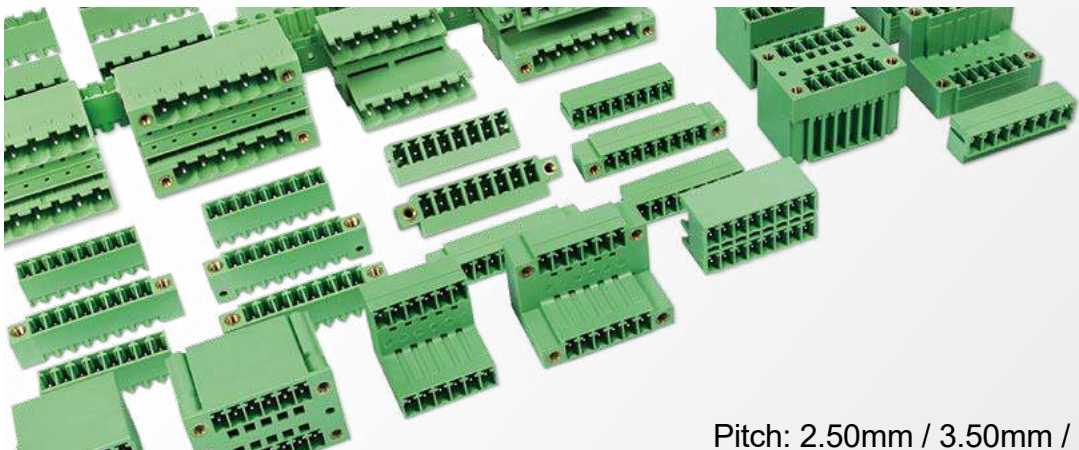
EHDK1L



CSC-01XX



PCB Sockets



Materials: General engineering insulation for wave soldering process
temperature withstand insulation for reflow soldering process

Pin lengths: Standard length 3.5mm for wave soldering process
Through-hole reflow (THR) version socket is available, standard pin length 2.6mm.
(The last suffix "L" represents THR version.)

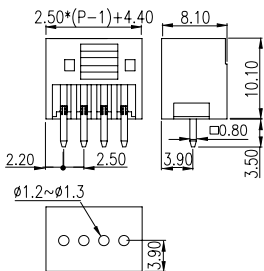
- Pitch: 2.50mm / 3.50mm / 3.81mm / 5.00mm / 5.08mm / 7.50mm / 7.62mm
- UL Rated: 150V / 4A, 300V / 8A, 300V / 15A, 300V / 30A, 600V / 30A
- IEC Rated: 320V / 4A ~ 1000V / 41A
- Single & double level and single & double row sockets for options
 - Horizontal, vertical and 45 degrees plug-in direction
 - with screw flange and lock flange versions.

2.50mm

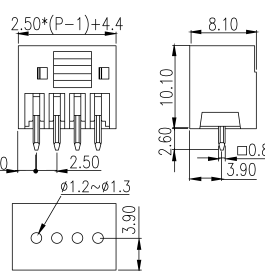
Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	4A	4A
Rated impulse voltage		2.5KV
Number of Positions		
ECH250V-XXP	02~24P	
ECH250R-XXP		
ECH250V-XXPL		
ECH250R-XXPL		
ECHB250V-XXP	04~48P	
ECHB250R-XXP		

* The last suffix "L" of part number represents THR version

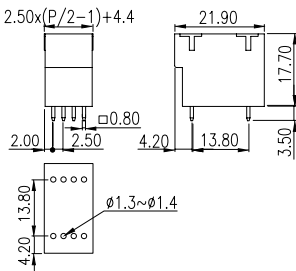
ECH250V-XXP



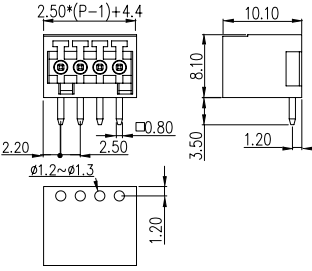
ECH250V-XXPL



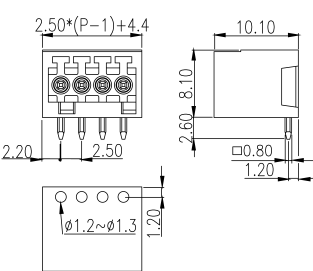
ECHB250V-XXP



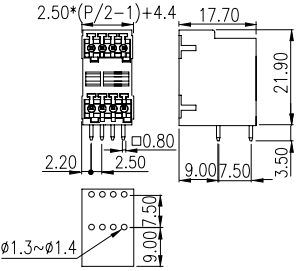
ECH250R-XXP



ECH250R-XXPL



ECHB250R-XXP



ECHB350V-XXP

Technical drawing of a green 12-pin D-sub connector. The drawing includes a perspective view of the connector, a top view showing pin dimensions, and a side view showing overall dimensions. The top view shows a 4x3 grid of pins with dimensions: $3.50 \times (P/2 - 1) + 4.90$ for the pin pitch, 22.70 for the total width, 2.45 for the pin diameter, 3.50 for the pin spacing, 21.90 for the total height, 3.40 for the mounting hole diameter, 2.90 for the mounting hole spacing, 0.80 for the mounting hole offset, 15.24 for the mounting hole diameter, and 2.90 for the mounting hole offset. The side view shows a total height of 15.70 and a mounting hole diameter of 2.90. The connector is labeled with 'C' and 'US' and a 'D'E' symbol.

ECHB350R-XXP

Technical drawing of a green 12-position screw terminal block. The drawing includes a perspective view of the component, a top view with dimensions, and a side view with dimensions.

Top View Dimensions:

- Overall Width: 21.90
- Overall Height: 22.70
- Terminal Pitch: 2.45
- Terminal Width: 3.50
- Terminal Spacing: 0.80
- Mounting Hole Spacing: 8.00 / 12.70

Side View Dimensions:

- Overall Height: 3.50
- Mounting Hole Spacing: 12.70

Note: $\varnothing 1.2 \sim 1.3$

Labels: C, US, $\triangle D'E$

ECHB350RM-XXP

3.50(P/2-1)+13.9

21.90

22.70

3.50

0.80

3.50

8.00

12.70

12.70

18.00

3.50

1.2~1.3

1.2~1.3

UL US

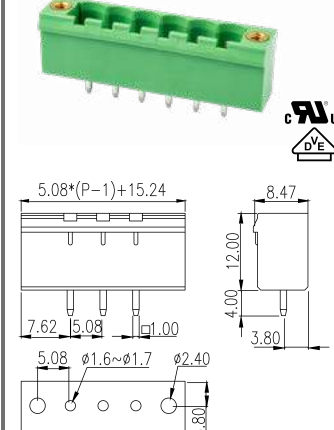
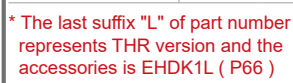
0°E

3.81mm		ECH381V-XXP	ECH381R-XXP	ECH381RR-XXP	ECH381A-XXP	EECH381V-XXP	ECHB381V-XXP	ECH381VJ-XXP
Technical Data Rated voltage 300V 320V Rated current 8A 14A Rated impulse voltage 2.5KV Number of Positions ECH381H-XXP 02~18P ECH381V-XXP ECH381VD-XXP ECH381R-XXP ECH381RD-XXP ECH381RR-XXP ECH381A-XXP ECH381V-XXPL ECH381R-XXPL ECH381RR-XXPL ECH381AM-XXP ECH381VM-XXP ECH381RM-XXP ECH381RRM-XXP ECH381VJ-XXP ECH381VJ-XXPL ECH381VM-XXPL ECH381RM-XXPL ECH381RR-XXPL ECH381RJ-XXP ECH381RJ-XXPL ECHB381VM-XXP EECH381VM-XXP ECHB381RM-XXP EECH381RM-XXP ECHB381V-XXP EECH381V-XXP ECHB381R-XXP EECH381R-XXP ECHB381RRD-XXP ECH381RJ-XXP ECH381RJ-XXPL Accessories ECHK1 P66 * The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)								
		ECH381V-XXPL	ECH381R-XXPL	ECH381RR-XXPL	ECH381AM-XXP	EECH381VM-XXP	ECHB381VM-XXP	ECH381VJ-XXPL
		ECH381VD-XXP	ECH381VM-XXP	ECH381RM-XXP	ECH381RRM-XXP	EECH381R-XXP	ECHB381R-XXP	ECHB381RRD-XXP
		ECH381RD-XXP	ECH381VM-XXPL	ECH381RM-XXPL	ECH381RRM-XXPL	EECH381RM-XXP	ECHB381RM-XXP	ECH381H-XXP
		ECH381RJ-XXP	ECH381RJ-XXPL	ECH381RJ-XXP	ECH381RJ-XXPL	ECH381RJ-XXP	ECH381RJ-XXPL	ECH381RJ-XXP

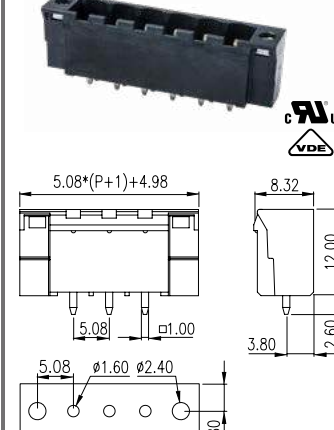
5.00mm			5EHDV-XXP		5EHDR-XXP		5EHDRR-XXP		5EHDVM-XXP		5EHDBV-XXP		5EEHDV-XXP		5EEHDVC-XXP	
Technical Data			UL		IEC											
Rated voltage			300V		600V											
Rated current			15A		18A											
Rated impulse voltage					4KV											
Number of Positions																
5EHDRR-XXP			02~13P													
5EHDRRC-XXP																
5EHDV-XXP																
5EHDV-XXPL																
5EHDVC-XXP																
5EHDVC-XXPL																
5EHDVG-XXP																
5EHDR-XXP																
5EHDR-XXPL																
5EHDRC-XXP																
5EHDRC-XXPL																
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2EH DVM-XXP

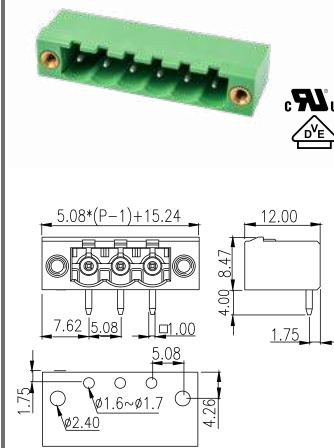
Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	20A	18A
Rated impulse voltage		4KV
Number of Positions		
02~24P		
Accessories		
EHDK1	P66	



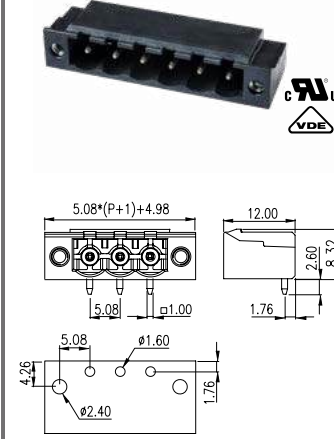
2EHDVM-XXPL



2EHDRM-XXP



2EHDRM-XXPL



5.08mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
2EHDBVM-XXP	04~44P	
2EHDBRM-XXP		
2EHDBV-XXP		
2EHDBR-XXP		
2EEHDV-XXP	04~48P	
2EEHDVM-XXP		
2EEHDR-XXP		
2EEHDM-XXP		
Accessories		
EHDK1		P65

2EHDBV-XXP

2EHDBR-XXP

2EHDBVM-XXP

2EHDBRM-XXP

2EEHDV-XXP

2EEHDR-XXP

2EEHDVM-XXP

2EEHDM-XXP

7.50mm

Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	15A	18A
Rated impulse voltage		6KV
Number of Positions		
02~12P		
Accessories		
EHDK1		P65

7EHDV-XXP

7EHDVC-XXP

7EHDVM-XXP

7EHDR-XXP

7EHDRC-XXP

7EHDVM-XXP

7.62mm

Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	25A	18A
Rated impulse voltage		6KV
Number of Positions		
02~14P		
Accessories		
EHDK1		P65

3EHDV-XXP

3EHDVC-XXP

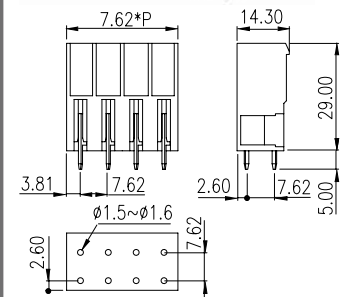
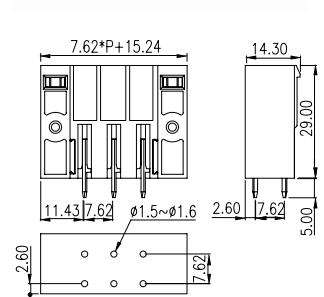
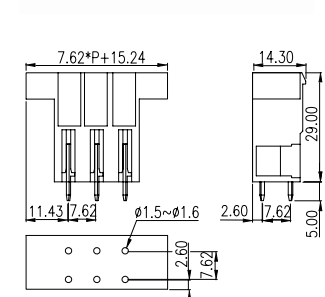
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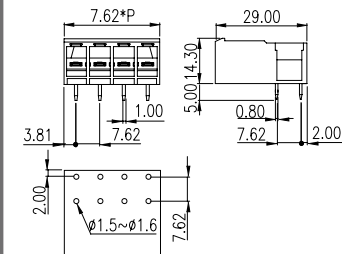
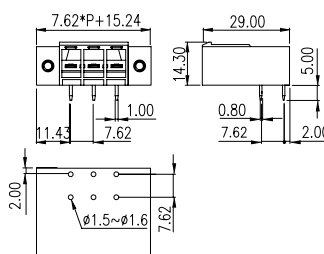
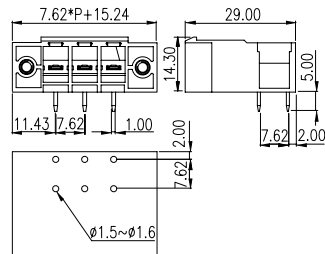
3EHDR-XXP

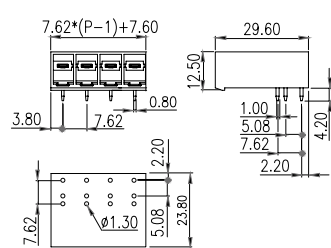
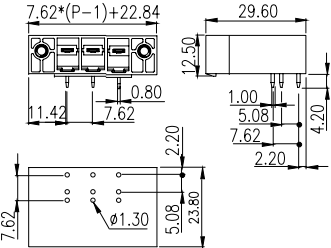
3EHDRC-XXP

3EHDVM-XXP

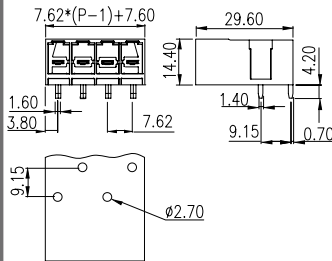
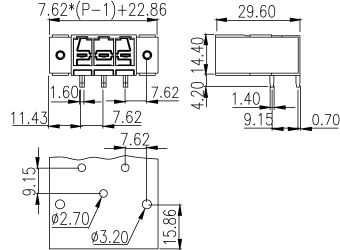
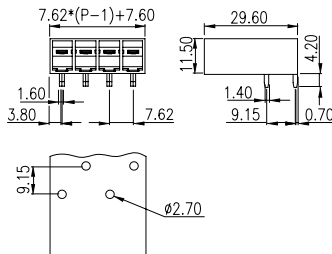
7.62mm			ECH762V-XXP		ECH762VM-XXP		ECH762VTM-XXP	
Technical Data	UL	IEC	 C  US 		 C  US 		 C  US 	
Rated voltage	300V	1000V						
Rated current	30A	41A						
Rated impulse voltage		8KV						
Number of Positions			02~12P					
Accessories								
ECHK2		P66						

								
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ECH762R-XXP			ECH762RM-XXP			ECH762RTM-XXP					
 C  US 			 C  US 			 C  US 					
											

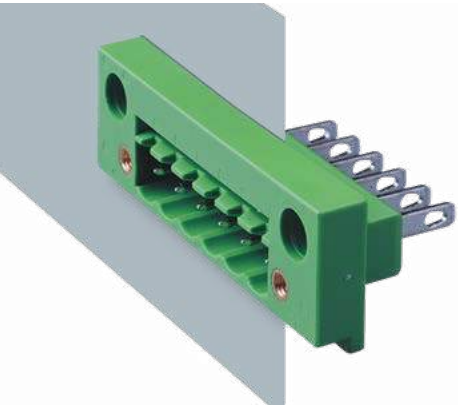
7.62mm			ECH762RR-XXP		ECH762RRM-XXP	
Technical Data	UL	IEC				
Rated voltage	300V	1000V				
Rated current	41A	41A				
Rated impulse voltage		6KV				
Number of Positions			02-12P			
Accessories						
ECHK2		P66				

7.62mm			ECH762HR-XXP		ECH762HRM-XXP		ECH762HRR-XXP	
Technical Data	UL	IEC	 		 		 	
Rated voltage	600V	1000V						
Rated current	41A	41A						
Rated impulse voltage		8KV						
Number of Positions								
02~12P								
Accessories								
ECHK2		P66						

		
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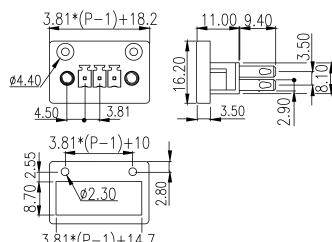
7.62mm			ECH762RE-XXP		ECH762RRE-XXP	
Technical Data		UL	IEC			
Rated voltage		600V	1000V			
Rated current		35A	41A			
Rated impulse voltage			8KV			
Number of Positions						
02~12P						
Accessories						
ECHK2		P66				

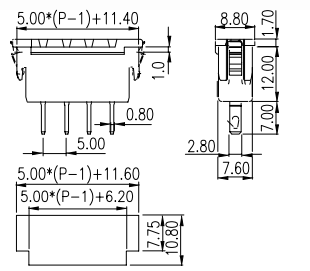
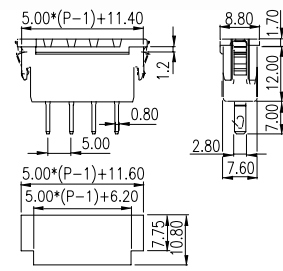
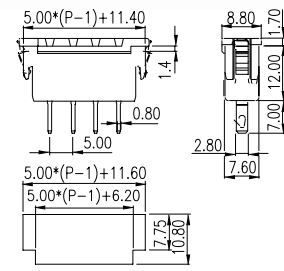
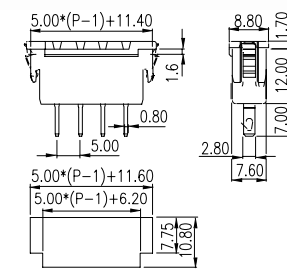
Feed-Through Headers

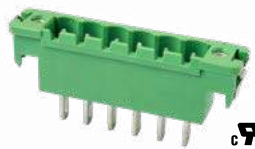
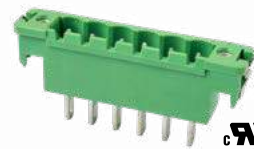
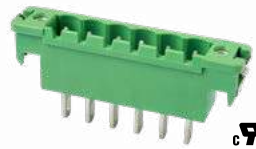
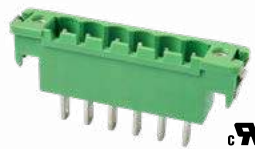
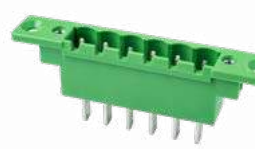
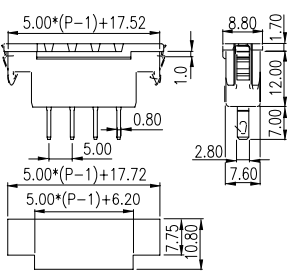
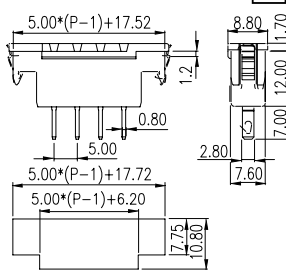
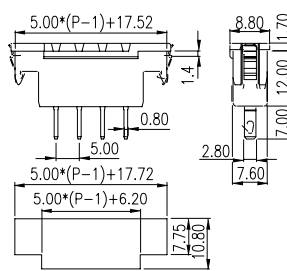
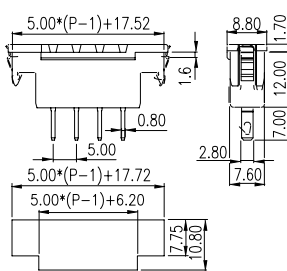
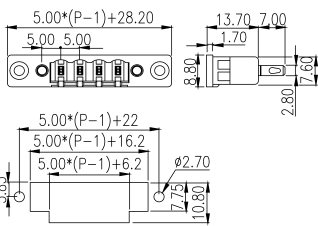


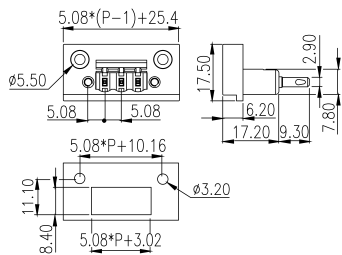
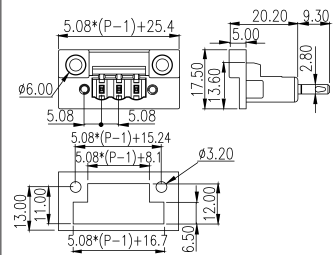
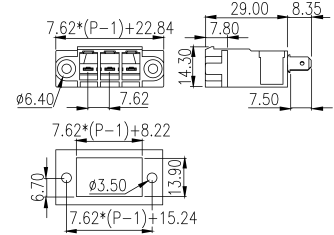
Feed-through headers create a pluggable connection with devices/ equipment on its housing/cabinet. The pin design can be a permanent solution or a temporary solution, which brings extremely flexibility in your application, you can choose PID connection plug or screw connection plug to mate with your demand.

- Pin design can be soldered with wire as a permanent solution, for temporary use it can slip the wire on the pin to solve your connection demand
- The feed-through headers are universal for plugs in push-in connection or screw connection
- Cable connections inside the device allow flexible positioning of the panel feedthroughs

3.81mm			ECHP381V-XXP				
Technical Data	UL	IEC	 				
Rated voltage	300V	320V					
Rated current	8A	14A					
Rated impulse voltage		2.5KV					
Number of Positions							
02~24P							
Accessories							
ECHK1		P66					

5.00mm			5EHDK-XXP/1.0					5EHDK-XXP/1.2					5EHDK-XXP/1.4					5EHDK-XXP/1.6				
Technical Data	UL	IEC	 					 					 					 				
Rated voltage	300V	600V																				
Rated current	15A	18A																				
Rated impulse voltage		4KV																				
Number of Positions																						
02~12P																						
Accessories																						
EHDK1		P66																				

			5EHDKM-XXP/1.0					5EHDKM-XXP/1.2					5EHDKM-XXP/1.4					5EHDKM-XXP/1.6					5EHDKPM-XXP					
			 					 					 					 					 					
																												

5.08mm			2EHDP-XXP					2EHDPN-XXP					7.62mm					ECHP762V-XXP				
Technical Data	UL	IEC	 											 								
Rated voltage	300V	630V																				
Rated current	15A	18A																				
Rated impulse voltage		4KV																				
Number of Positions																						
02~24P																						
Accessories																						
EHDK1		P66																				

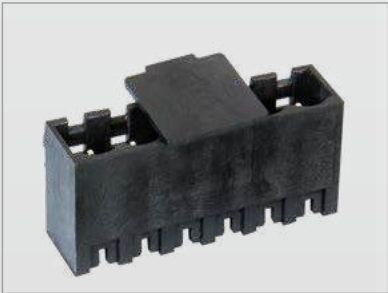
Tape & Reel Packaging



PCB Headers are delivered in tape-on-reel packaging according to IEC 60283-3 allowing for easy integration into automated assembly in the reflow process.

- For 3.50 / 3.81 / 5.0 / 5.08 / 7.62 mm Pitches
- Part number contains letter “L” means its suitable for reflow process (e.g., 0156-24XXLWR, this item is suitable for reflow process.)
 - Part number without “L” means it's suitable for wave soldering
 - For headers with plug-in direction vertical to The PCB, pick up cap is included

Embossed Tape and Reel is used to facilitate automatic pick and place equipment feed requirements. The tape is used as the shipping container for various products and requires a minimum of handling. The antistatic/conductive tape provides a secure cavity for the product when sealed with the “peel-back” cover tape.



Pick up cap for vertical socket/header



T & R packaging in antistatic material



Customized tape, tube magazine packing by request

3.50mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	10A	10A
Rated impulse voltage		2.5KV
Number of Positions		
0156-24XX-BK-WR	04~28P	
0156-24XXLWR		
0156-20XXLWR		
0156-20XX-BK-WR		
0156-21XXLWR		
0156-21XX-BK-WR	04~32P	
0156-26XX-BK-WR		
0156-26XXLWR		
0156-29XX-BK-WR		
0156-29XXLWR		
0156-25XX-BK-WR	04~36P	
0156-25XXLWR		

* The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

0156-26XX-BK-WR
0156-26XXLWR

0156-21XX-BK-WR
0156-21XXLWR

0156-20XX-BK-WR
0156-20XXLWR

0156-24XX-BK-WR
0156-24XXLWR

3.50mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current		
0159-11XXWR	10A	8A
0159-11XXLWR		
0159-12XXWR		
0159-12XXLWR		
0159-31XXWR		
0159-31XXLWR		
0159-32XXWR		
0159-32XXLWR	04~36P	
0159-11XXWR		
0159-11XXLWR		
0159-12XXWR		
0159-12XXLWR		
0159-31XXWR		
0159-31XXLWR		
0159-32XXWR	04~40P	
0159-32XXLWR		

* The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

0159-11XXWR
0159-11XXLWR

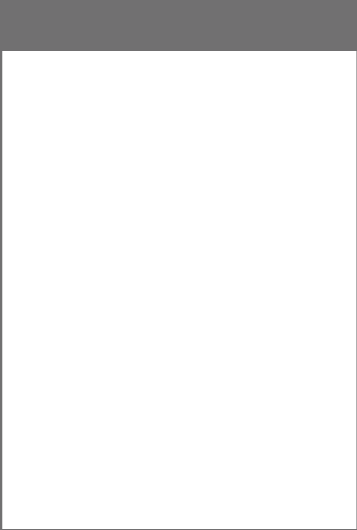
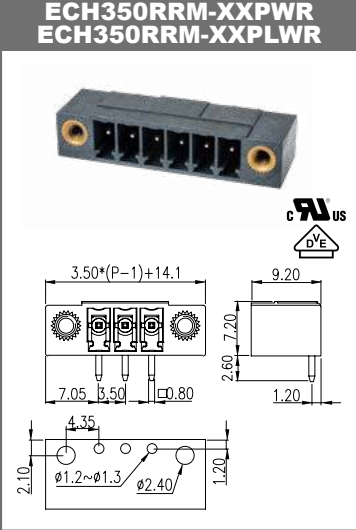
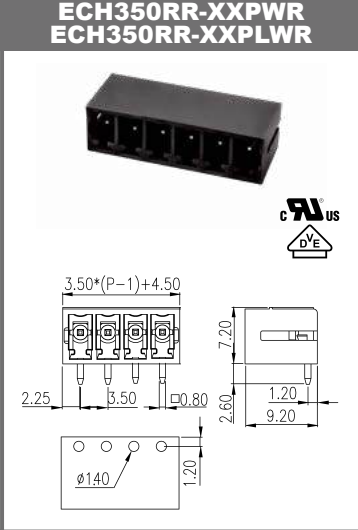
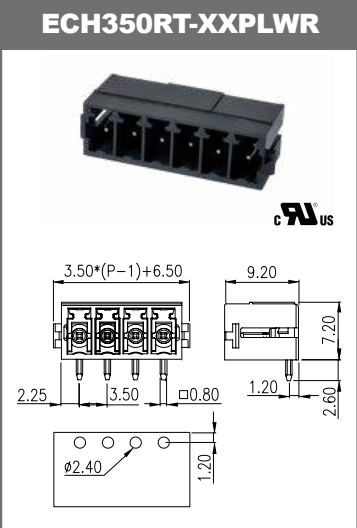
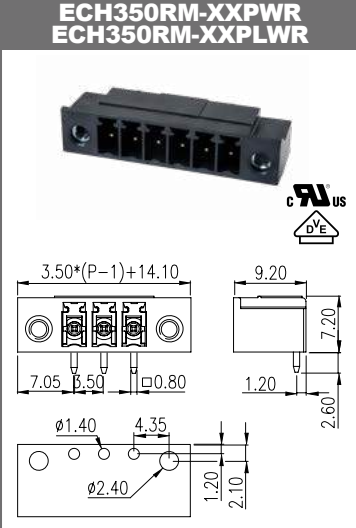
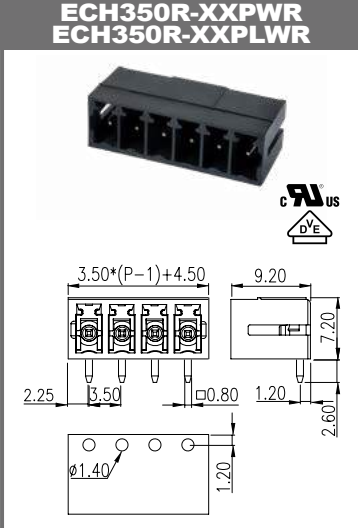
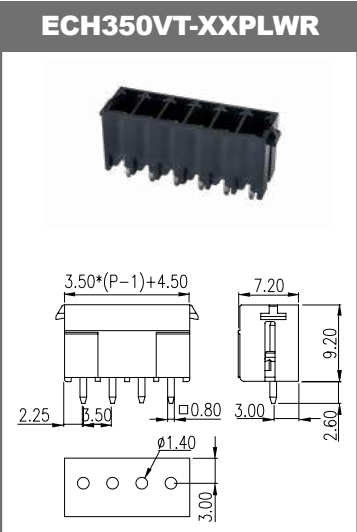
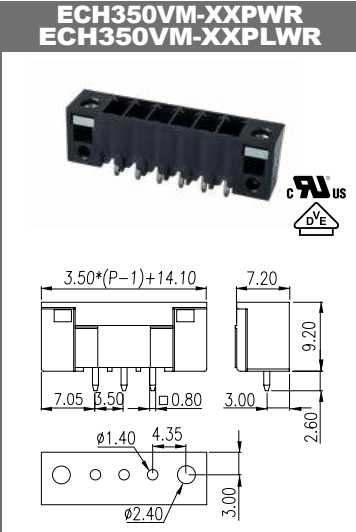
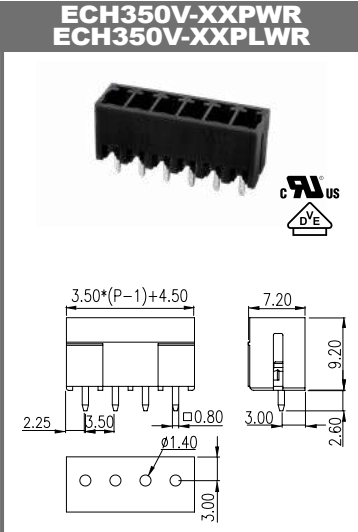
0159-12XXWR
0159-12XXLWR

0159-31XXWR
0159-31XXLWR

0159-32XXWR
0159-32XXLWR

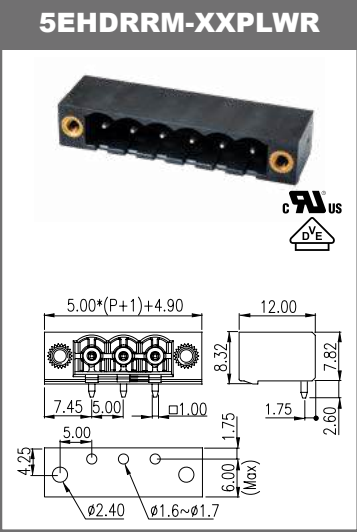
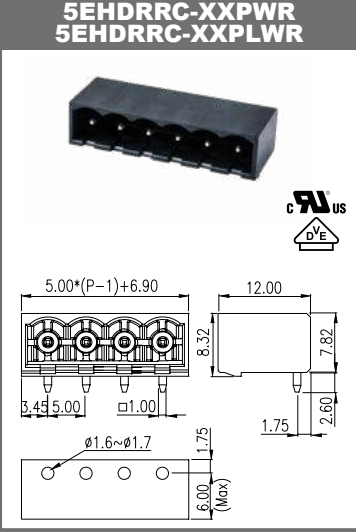
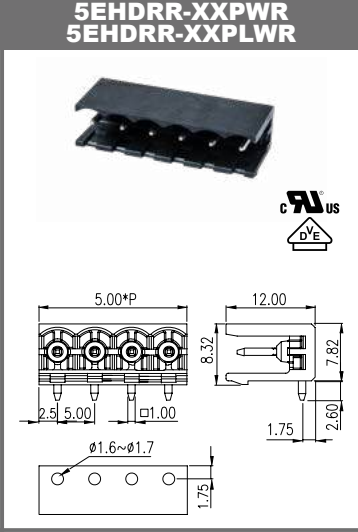
3.50mm		
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Rated impulse voltage		2.5KV
Number of Positions		
ECH350VM-XXPWR	02~15P	
ECH350VM-XXPLWR		
ECH350RM-XXPWR		
ECH350RM-XXPLWR	02~16P	
ECH350RRM-XXPWR		
ECH350RRM-XXPLWR		
ECH350VT-XXPLWR	02~17P	
ECH350V-XXPWR		
ECH350V-XXPLWR		
ECH350R-XXPWR		
ECH350R-XXPLWR	02~18P	
ECH350RT-XXPLWR		
ECH350RR-XXPWR		
ECH350RR-XXPLWR		
Accessories		
ECHK1	P66	

*The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)



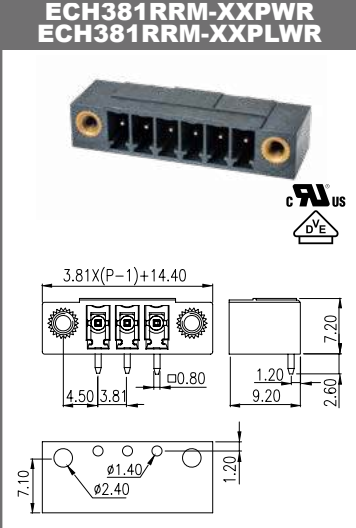
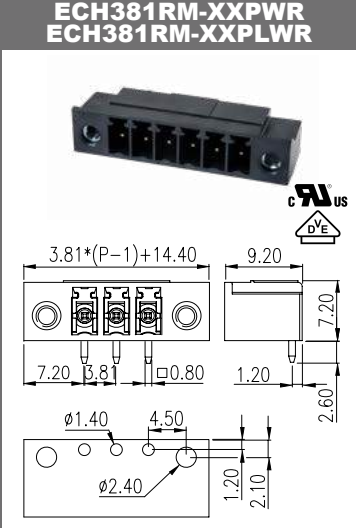
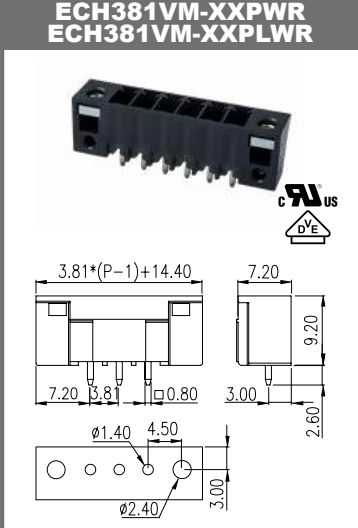
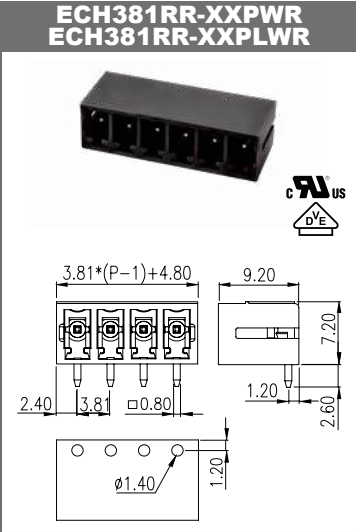
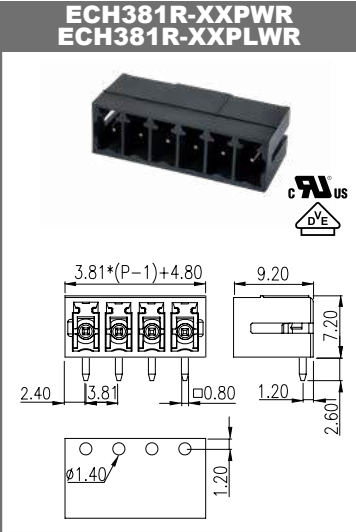
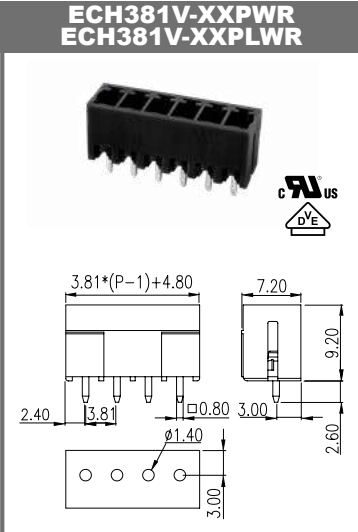
5.00mm			
Technical Data		UL	IEC
Rated voltage		300V	600V
Rated current		15A	18A
Rated impulse voltage			4KV
Number of Positions			
5EHDRRC-XXPLWR		02~11P	
5EHDRRM-XXPLWR			
5EHDRR-XXPWR			
5EHDRR-XXPLWR		02~13P	
5EHDRRC-XXPWR			
Accessories			
EHDK1		P66	

*The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)



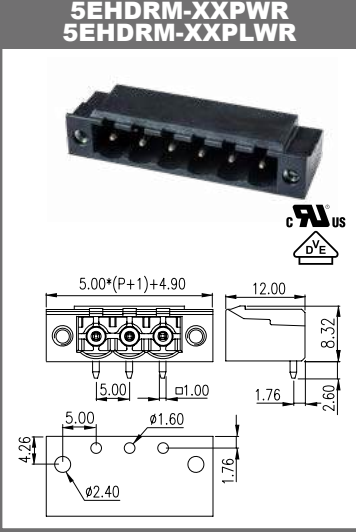
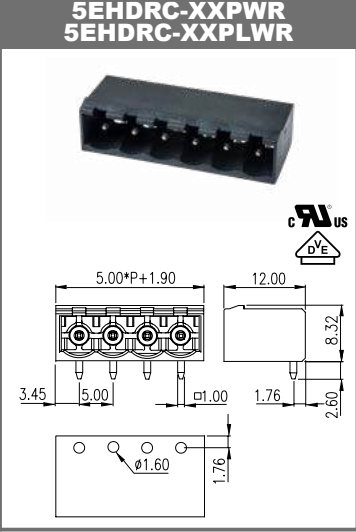
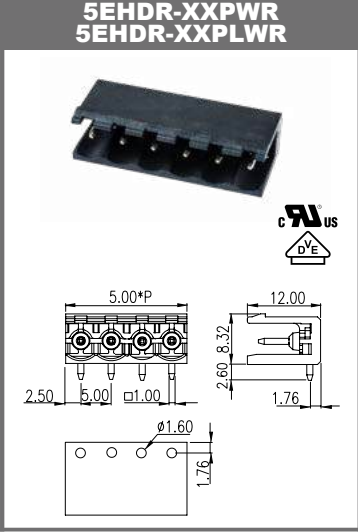
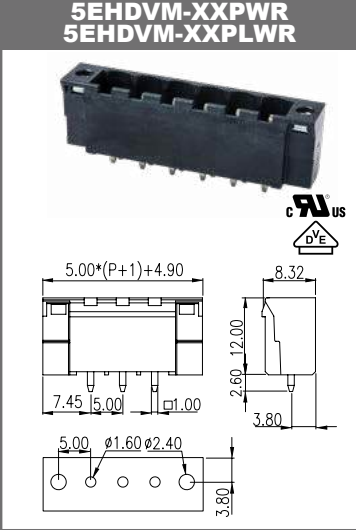
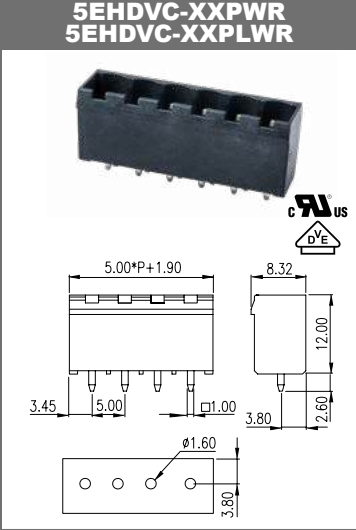
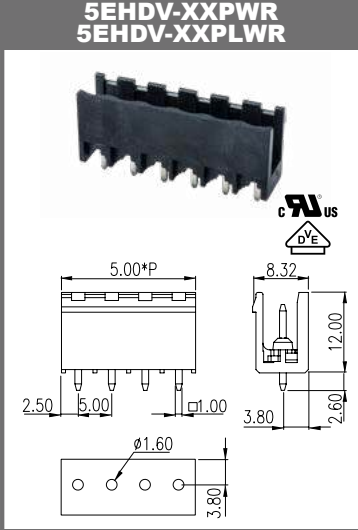
3.81mm		
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	14A
Rated impulse voltage		2.5KV
Number of Positions		
ECH381VM-XXPWR	02~14P	
ECH381VM-XXPLWR		
ECH381RM-XXPWR		
ECH381RM-XXPLWR		
ECH381RRM-XXPWR		
ECH381RRM-XXPLWR	02~16P	
ECH381R-XXPWR		
ECH381R-XXPLWR		
ECH381RR-XXPWR		
ECH381RR-XXPLWR		
ECH381V-XXPWR	02~17P	
ECH381V-XXPLWR		

*The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)



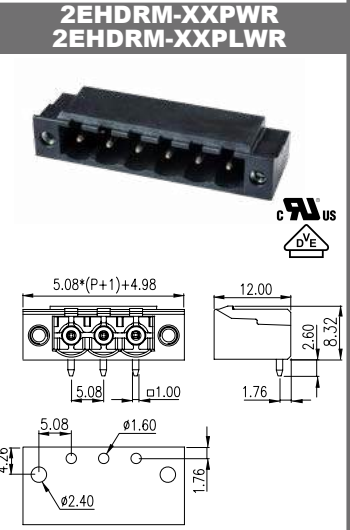
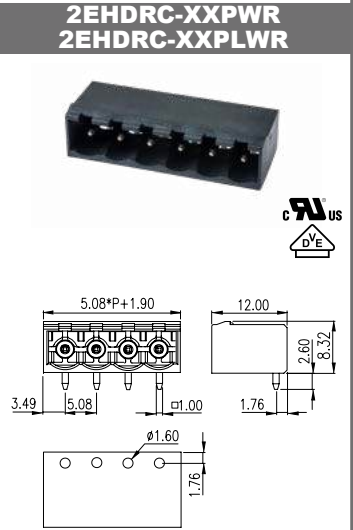
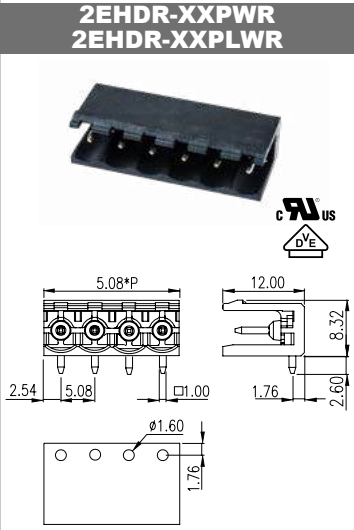
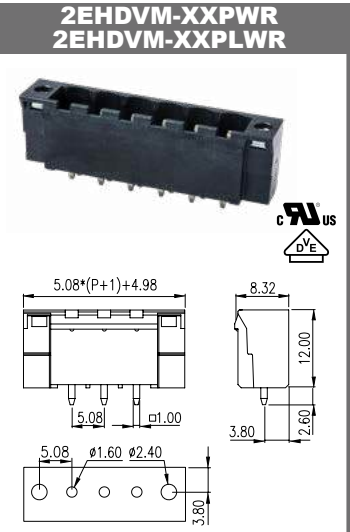
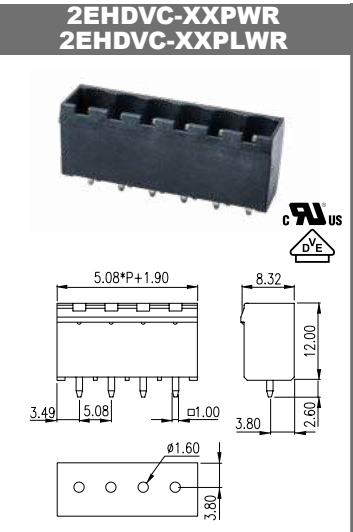
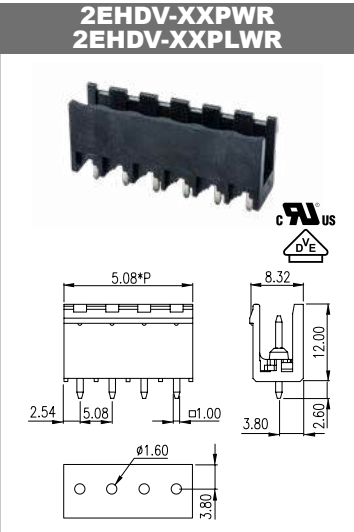
5.00mm		
Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	15A	18A
Rated impulse voltage		4KV
Number of Positions		
5EHDMV-XXPWR	02~11P	
5EHDMV-XXPLWR		
5EHDRC-XXPWR		
5EHDRC-XXPLWR		
5EHDRC-XXPWR		
5EHDRC-XXPLWR	02~12P	
5EHDV-XXPWR		
5EHDV-XXPLWR		
5EHDV-XXPWR	02~13P	
5EHDV-XXPLWR		
5EHDR-XXPWR		
5EHDR-XXPLWR		
Accessories		
EHDK1	P66	

*The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)

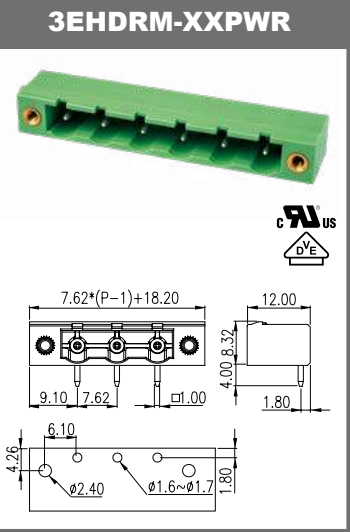
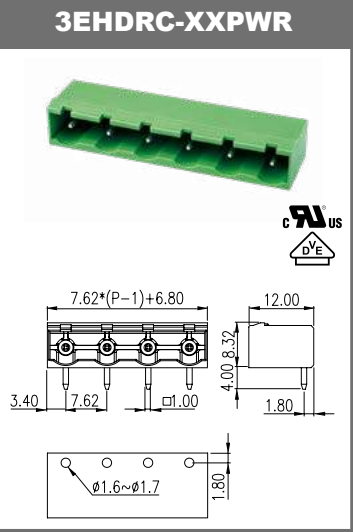
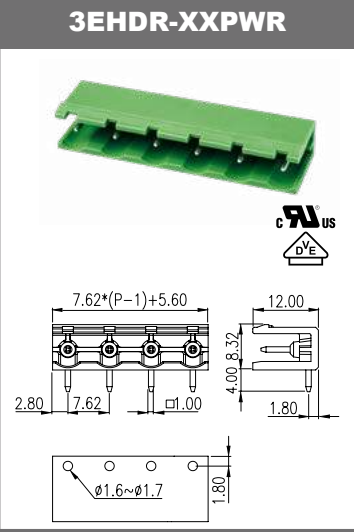
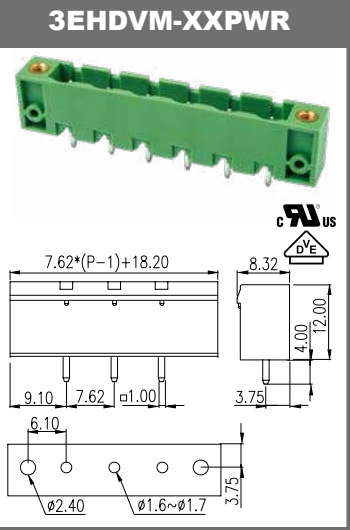
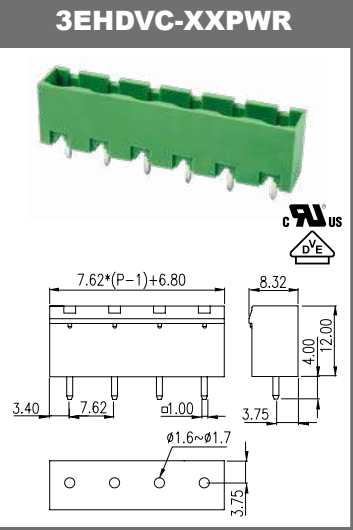
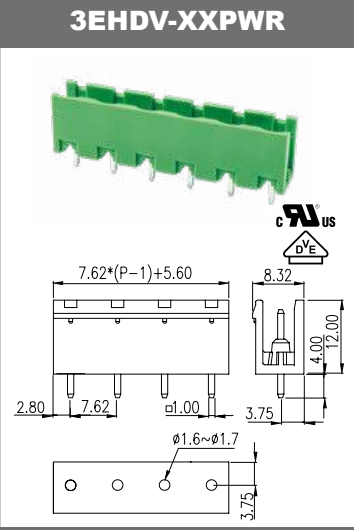


5.08mm		
Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A / 20A	18A
Rated impulse voltage		4KV
Number of Positions		
2EHDVM-XXPWR	02~10P	
2EHDVM-XXPLWR		
2EHDRC-XXPWR	02~11P	
2EHDRC-XXPLWR		
2EHDRM-XXPWR	02~12P	
2EHDRM-XXPLWR		
2EHDV-XXPWR	02~13P	
2EHDV-XXPLWR		
2EHDVC-XXPWR	02~13P	
2EHDVC-XXPLWR		
2EHDR-XXPWR	02~13P	
2EHDR-XXPLWR		
Accessories		
EHDK1	P66	

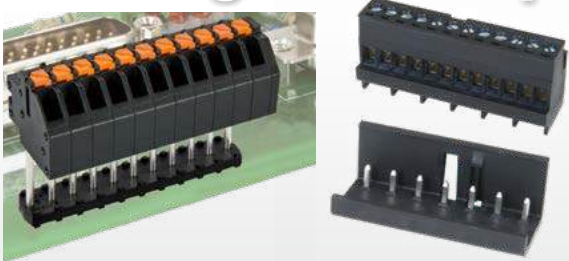
*The last suffix "L" of part number represents THR version and the accessories is EHDK1L (P66)



7.62mm		
Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	15A	18A
Rated impulse voltage		6KV
Number of Positions		
3EHDR-XXPWR	02-07P	
3EHDVM-XXPWR		
3EHDRC-XXPWR	02-08P	
3EHDVC-XXPWR		
3EHDRC-XXPWR	02-09P	
Accessories		
EHDK1	P65	



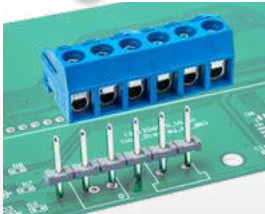
PID Plugs & Pin Strips



Connection method: Push-in connection
Screw connection

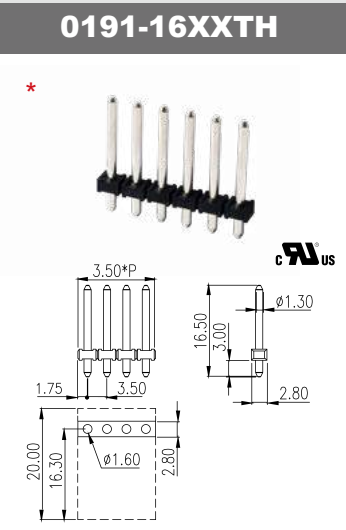
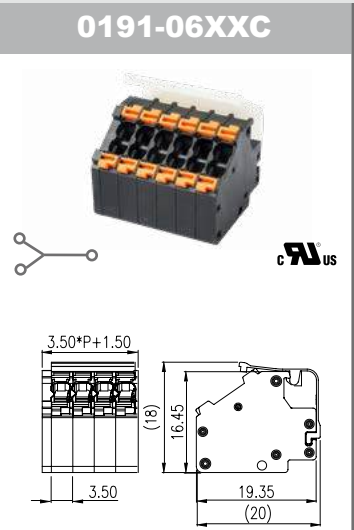
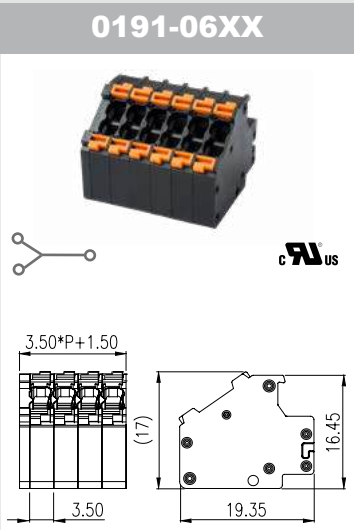
Pitch: 3.50 / 4.0 / 5.0 / 5.08mm
UL Rated: 150V/2A ~ 300V/12A
IEC Rated: 160V/4A ~ 320V/17.5A

Screw Plugs & Pin Strips

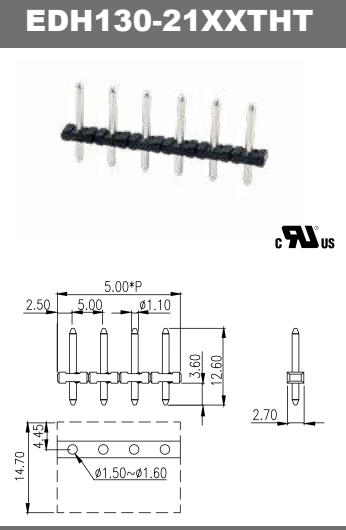
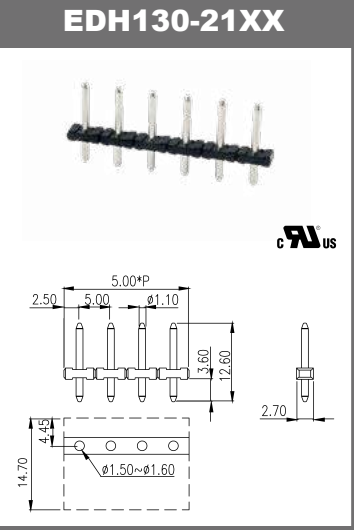
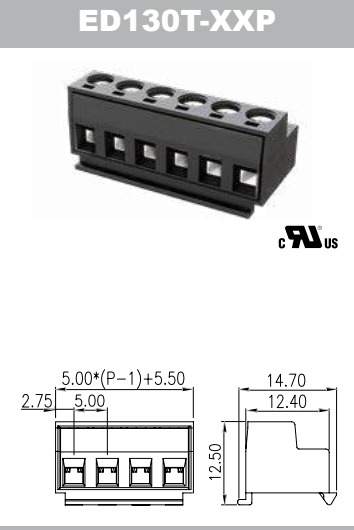


- 0191 connector cover, as the function of a lever, helps to remove the plug from the pin strip
- Reliable contact structure with high current capacity
- The plug "ED130T-XXP" is designed with a snap-in locking feet making installation on a mounting plate quick and easy
- For the pin strip part number which contains "TH" meaning the plastic is in high temperature withstand material for reflow soldering process.
- 0162 and 0164 series plugs are easy to plug in the pin socket, which is esigned to make the combination more stable and solid
- Various lengths of pin strip are available by request

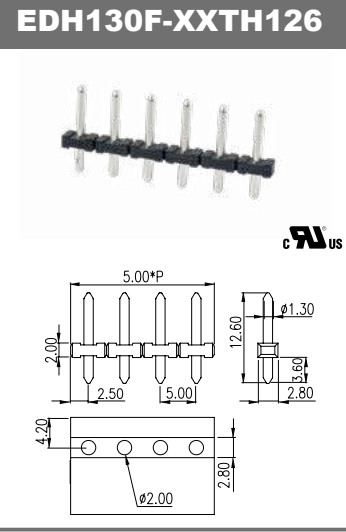
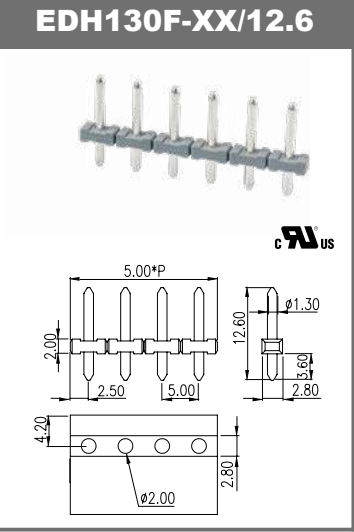
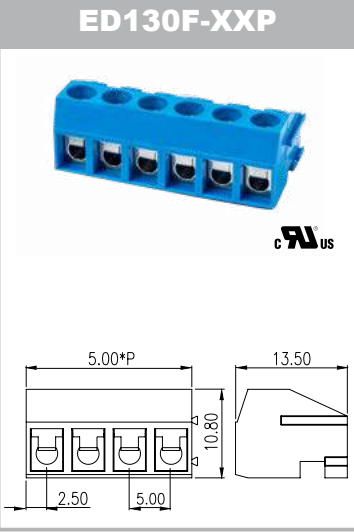
3.50mm		
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	9A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~20P		
*UL=150V IEC=160V Pin strip:0191-16XXTH Various pin lengths available		



5.00mm		
Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	12A	10A
Solid (AWG/mm²)	22~14	0.5~1.5
Flexible (AWG/mm²)	22~14	0.5~1.5
Rated impulse voltage		4KV
Torque (N·m)	0.3	
Screw	M2.5	
Wire strip length	5~6mm	
Number of Positions		
02~20P		



5.00mm		
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	7A	10A
Solid (AWG/mm ²)	22~14	0.5~1.5
Flexible (AWG/mm ²)	22~14	0.5~1.5
Rated impulse voltage		4KV
Torque (N-m)	0.3~0.4	
Screw	M2.5	
Wire strip length	5~6mm	
Number of Positions		
ED130F-XXP	02~20P 02~24P	
EDH130F-XXTH126		
EDH130F-XX/12.6		

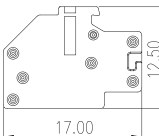
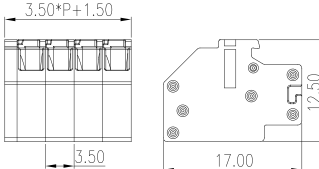


3.50mm

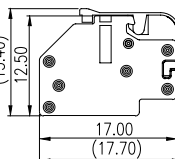
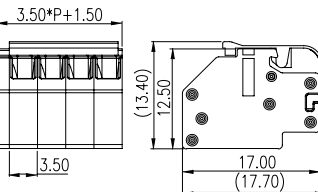
Technical Data	UL	IEC
Rated voltage	150V	160V
Rated current	2A	4A
Solid (AWG/mm²)	28~16	0.5~1.5
Flexible (AWG/mm²)	28~16	0.5~1.5
Rated impulse voltage	3KV	
Wire strip length	8~9mm	
Number of Positions		
02~20P		

· Pin strip: 0191-11XXTH

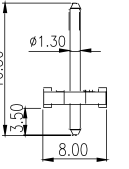
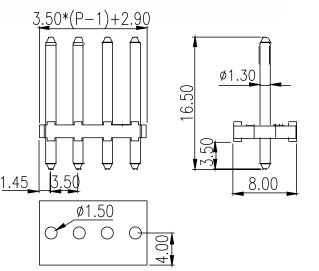
0191-01XX



0191-01XXC



0191-11XXTH

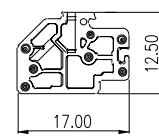
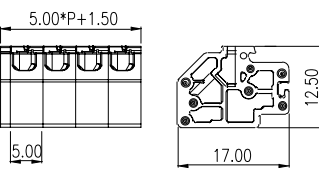


5.00mm

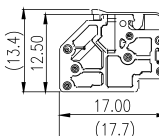
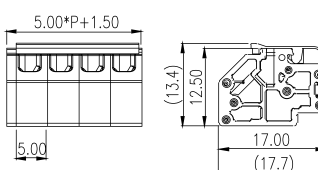
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	2A	4A
Solid (AWG/mm²)	28~16	0.5~1.5
Flexible (AWG/mm²)	28~16	0.5~1.5
Rated impulse voltage	4KV	
Screw	8~9mm	
Number of Positions		
02~20P		

*UL=5A
Pin strip:0191-12XXTH
Various pin lengths available

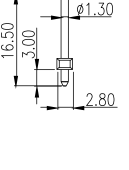
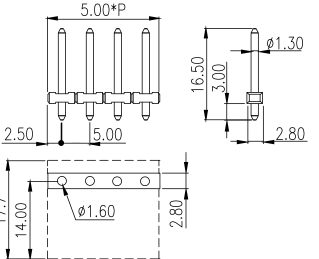
0191-02XX



0191-02XXC



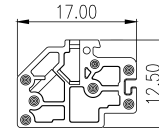
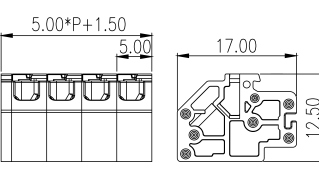
0191-12XXTH



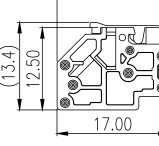
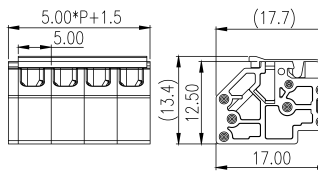
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	5A	5A
Solid (AWG/mm²)	24~16	0.5~1.5
Flexible (AWG/mm²)	24~16	0.5~1.5
Rated impulse voltage	4KV	
Wire strip length	8mm	
Number of Positions		
02~20P		

0191-04XX



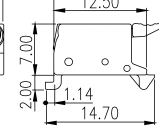
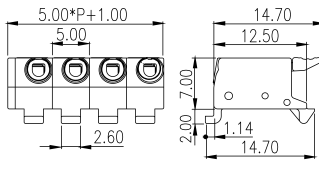
0191-04XXC



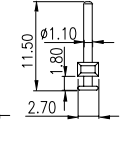
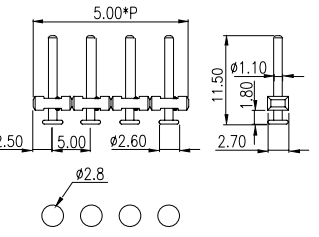
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630A
Rated current	7A	9A
Solid (AWG/mm²)	24~18	0.2~0.75
Flexible (AWG/mm²)	24~18	0.2~0.75
Rated impulse voltage	4KV	
Wire strip length	6~7mm	
Number of Positions		
0190-05XX 02~24P		
EDH130S-20XXTHT 03P,05P,06P		

0191-05XX



EDH130S-20XXTHT

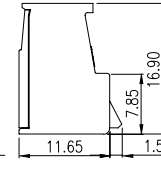
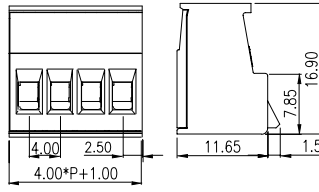


4.00mm

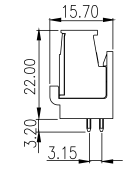
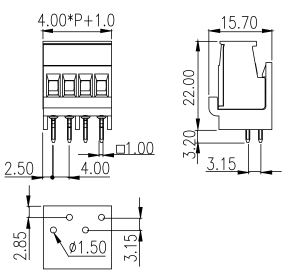
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	24~14	0.2~2.5
Flexible (AWG/mm²)	24~14	0.2~2.5
Rated impulse voltage	4KV	
Torque (N·m)	0.45	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
02~24P		

· Socket: 0162-11XX

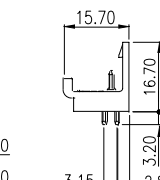
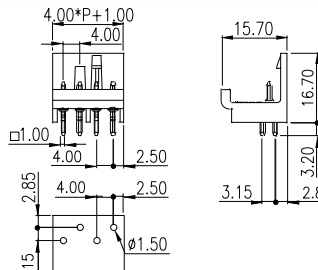
0162-01XX



0162-A1XX



0162-11XX

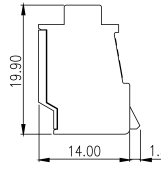
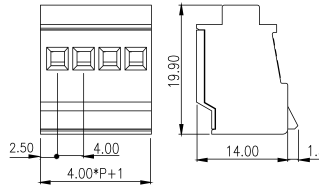


4.00mm

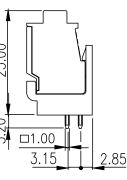
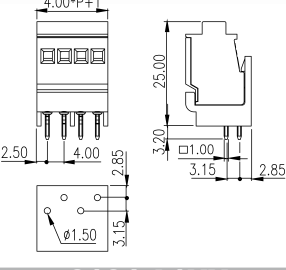
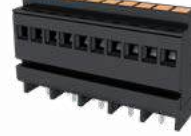
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	10A
Solid (AWG/mm²)	24~14	0.2~1.5
Flexible (AWG/mm²)	24~14	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	10~11mm	
Number of Positions		
02~24P		

· Socket: 0162-11XX

0162-06XX



0162-A6XX

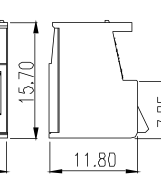
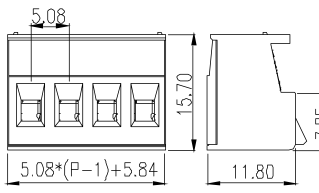


5.08mm

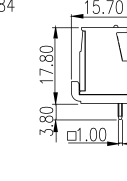
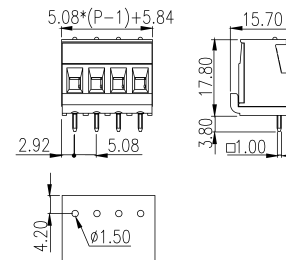
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	15A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage	4KV	
Torque (N·m)	0.5~0.6	
Screw	M3/M2.5	
Wire strip length	6~7mm	
Number of Positions		
02~24P		

· Socket:0164-11XX, 0164-12XX

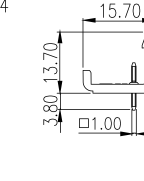
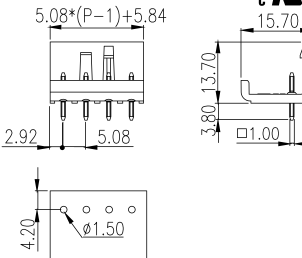
0164-01XX
0164-01XX(T)



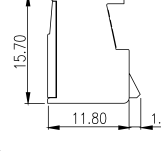
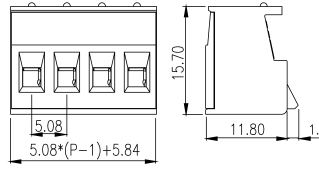
0164-A1XX
0164-A1XX(T)



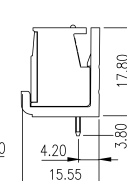
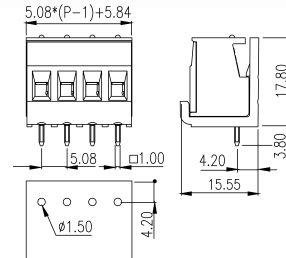
0164-11XX
0164-11XXL



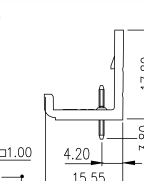
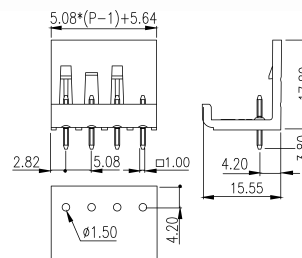
0164-02XX



0164-A2XX



0164-12XX



Feed-Through connectors

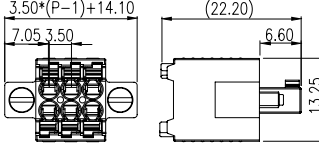
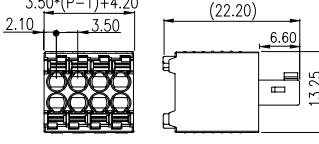
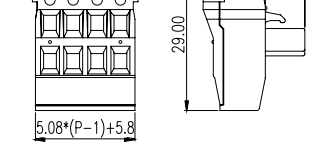
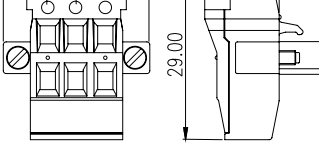
Dual-output feed-through connector is an electrical connector which is between frequently plugged/unplugged cables and their applications to secure electrical contacts and to provide high-speed data transmission.

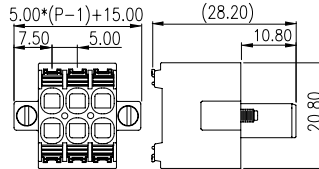
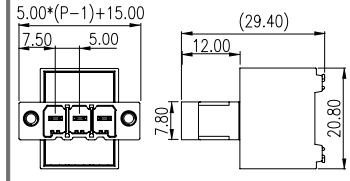
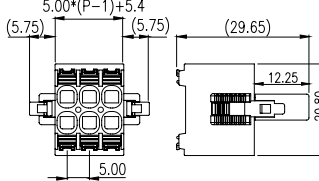
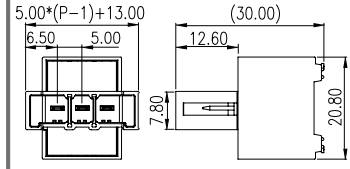
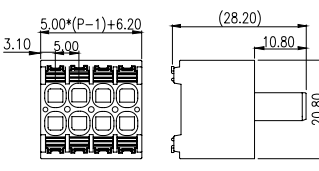
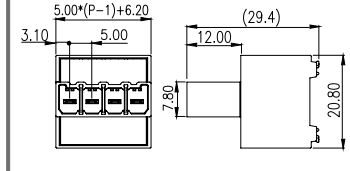
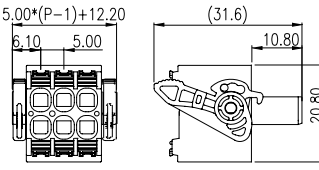
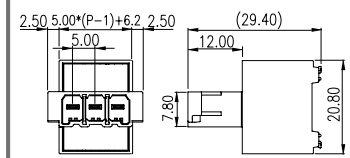
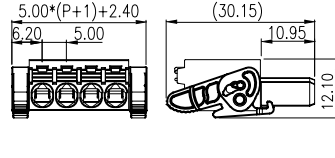
These connectors are typically used in products that require data transfer or internet connectivity which needs to convey signals between devices like PLC or other controllers.

0161, 0181 and 0187 series products can provide serial communication solutions, in the communication protocol applications such as Profibus, CANbus and Modbus 485, the communication signals are transmitted between the master station and the slave stations via the connector's connections.

With Dinkle wide range of PCB sockets, 0161, 0181 and 0187 series can mate with 3.50mm, 5.00mm and 10.16mm pitch socket to carry out the applications of PCB-to-Wire and Wire-to-Wire solutions.



3.50mm			0181-A1XX		Socket																																																
<table><tr><th>Technical Data</th><th>UL</th><th>IEC</th></tr><tr><td>Rated voltage</td><td>300V</td><td>320V</td></tr><tr><td>Rated current</td><td>8A</td><td>8A</td></tr><tr><td>Solid (AWG/mm²)</td><td>24~16</td><td>0.2~1.5</td></tr><tr><td>Flexible (AWG/mm²)</td><td>24~16</td><td>0.2~1.5</td></tr><tr><td>Rated impulse voltage</td><td></td><td>2.5KV</td></tr><tr><td>Wire strip length</td><td colspan="2">9~10mm</td></tr><tr><td colspan="3">Number of Positions</td></tr><tr><td colspan="3">02~24P</td></tr></table>			Technical Data	UL	IEC	Rated voltage	300V	320V	Rated current	8A	8A	Solid (AWG/mm²)	24~16	0.2~1.5	Flexible (AWG/mm²)	24~16	0.2~1.5	Rated impulse voltage		2.5KV	Wire strip length	9~10mm		Number of Positions			02~24P			  		<table><tr><td>ECH350RM-XXP</td><td>P32</td></tr><tr><td>ECH350RM-XXPL</td><td>P32</td></tr><tr><td>ECH350VM-XXP</td><td>P32</td></tr><tr><td>ECH350VM-XXPL</td><td>P32</td></tr><tr><td>ECH350RRM-XXP</td><td>P69</td></tr><tr><td>ECH350RRM-XXPL</td><td>P69</td></tr></table> Please refer to the related page number for the compatible headers.		ECH350RM-XXP	P32	ECH350RM-XXPL	P32	ECH350VM-XXP	P32	ECH350VM-XXPL	P32	ECH350RRM-XXP	P69	ECH350RRM-XXPL	P69								
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5.08mm			2ESDVB-XXP		Socket																																																
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5.00mm			0161-01XX		0161-11XX		Socket	
Technical Data	UL	IEC	 	 	0227-16XX		P24	
Rated voltage	300V	630V			0227-16XXL		P24	
Rated current	15A	18A			0227-17XX		P24	
Solid (AWG/mm²)	26~12	0.2~2.5			0227-17XXL		P24	
Flexible (AWG/mm²)	26~12	0.2~2.5						
Rated impulse voltage		4KV						
Wire strip length	12~13mm							
Number of Positions								
02~24P								
Accessories								
0227K1	P27							
							Please refer to the related page number for the compatible headers.	
			0161-02XX		0161-12XX		Socket	
			 	 	0227-26XX		P24	
					0227-26XXL		P24	
					0227-27XX		P24	
					0227-27XXL		P24	
							Please refer to the related page number for the compatible headers.	
			0161-03XX		0161-13XX		Socket	
			 	 	0227-26XX		P24	
					0227-26XXL		P24	
					0227-27XX		P24	
					0227-27XXL		P24	
							Please refer to the related page number for the compatible headers.	
			0161-04XX		0161-14XX		0227-09XX	
			 	 	 			
								

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Wire-to-Wire Connection



Connection method:
screw connection /
PID Plug & Sockets

Pitch:
2.50mm / 3.50mm /
5.08mm / 10.16mm
UL Rated:
300V / 8A~600V / 51A
IEC Rated:
300V / 14A~1000V / 76A

This series of
connectors is to connect
two or more wires to each
other safely and reliably.

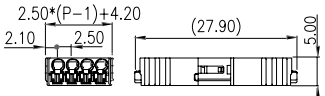
In the industrial
environment, make
two wires be securely
connected and easily
disconnected. No need
to remove and install
the wires one by one
to achieve the wire
connections.

Full range Connectors
provide highly reliable
and safe industrial wiring
solutions and save
operating time.

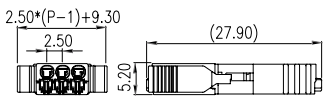
2.50mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	6A	6A
Solid (AWG/mm²)	26~18	0.14~0.5
Flexible (AWG/mm²)	26~18	0.2~0.5
Rated impulse voltage		2.5kV
Wire strip length	7~8mm	
Number of Positions		
02~12P		

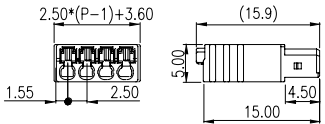
0288-AAXX



0288-ADX



0288-2AXX



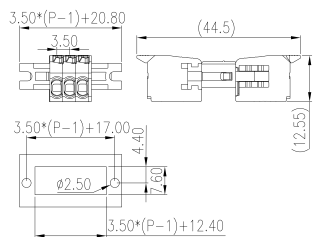
Comparison table

Plug/Socket	0288-1AXX	0288-1DXX
	 P.15	 P.16
0288-2AXX	0288-AAXX	0288-ADX

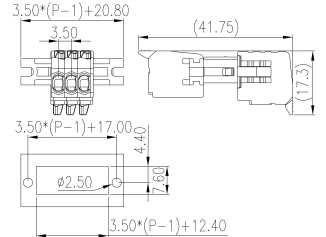
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	10A
Solid (AWG/mm ²)	28~16	0.14~1.5
Flexible (AWG/mm ²)	28~16	0.14~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

0218-2GXXM0256-13



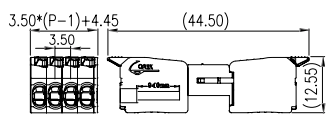
0218-2GXXM0256-33



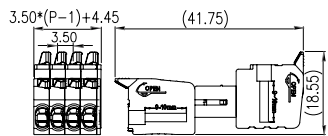
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	10A
Solid (AWG/mm ²)	28~16	0.14~1.5
Flexible (AWG/mm ²)	28~16	0.14~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

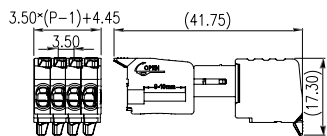
0218-21XXM0256-11



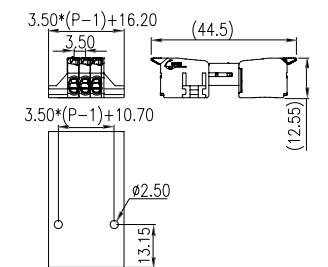
0218-21XXM0256-21



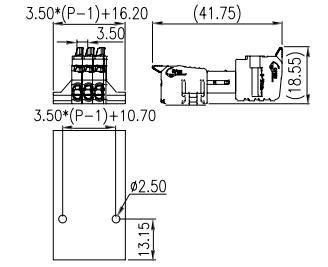
0218-21XXM0256-31



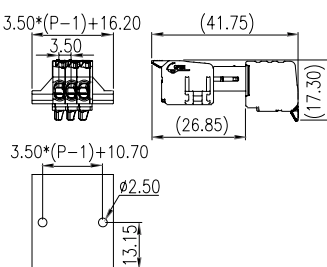
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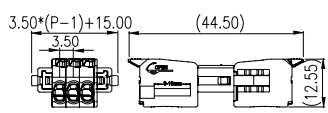
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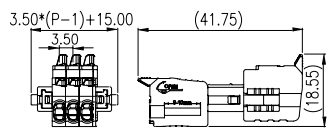
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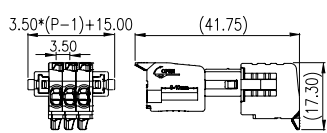
0218-23XXM0256-13



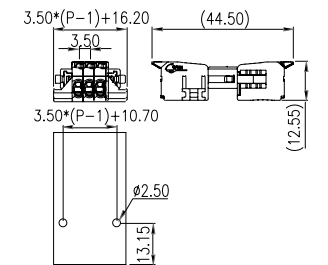
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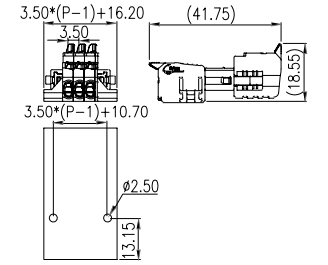
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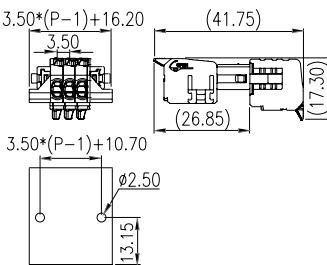
0218-27XXM0256-13



0218-27XXM0256-23



0218-27XXM0256-33



Plug/Socket	0218-21XX	0218-25XX	0218-23XX	0218-27XX
0256-11XX	0218-21XXM0256-11 	0218-25XXM0256-11 		
	0218-21XXM0256-21 	0218-25XXM0256-21 		
	0218-21XXM0256-31 	0218-25XXM0256-31 		
0256-31XX			0218-23XXM0256-13 	0218-27XXM0256-13 
0256-13XX			0218-23XXM0256-23 	0218-27XXM0256-23 
0256-23XX			0218-23XXM0256-33 	0218-27XXM0256-33 
0256-33XX				
Plug/Socket	0218-2GXX			
0256-13XX	0218-2GXXM0256-13 			
	0218-2GXXM0256-33 			

5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	12A	14A
Solid (AWG/mm2)	28~16	0.2~1.5
Flexible (AWG/mm2)	28~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
04~16P		



0229-F5XXY

+



0229-A5XXY

=



0229-M5XXY





0229-A9XXY

+



0229-F9XXY

=

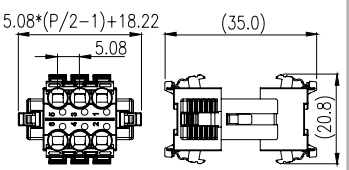


0229-M9XXY

0229-M5XXY



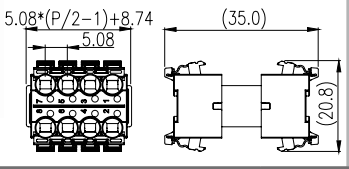
with test holes



0229-M9XXY



with test holes



10.16mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	51A	76A
Rated impulse voltage		8KV
Torque (N·m)	1.2	
Screw	M4	
Wire strip length	14~15mm	
Number of Positions		
02~10P		
Accessories		
ECHK2	P66	

0187-A4XX (PID)



EC116V-XXP (Screw)



EC116V-XXP

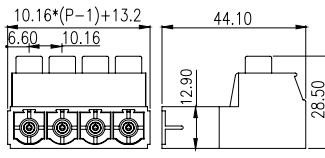


EC116V-XXP



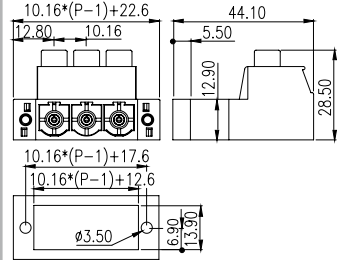
EC116V-XXP

600V

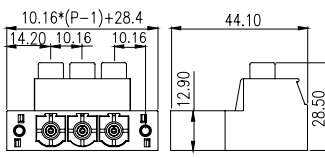
EC116K-XXP

600V

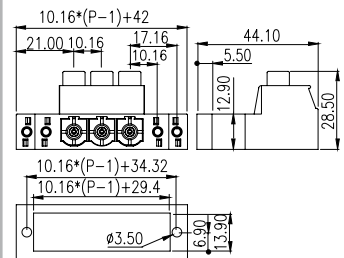
EC116M-XXP

600V

EC116MK-XXP

600V

Plug

EC116V-XXP	P65
0187-A4XX	P94

Please refer to the related page number for the compatible headers.

Plug

EC116VM-XXP	P65
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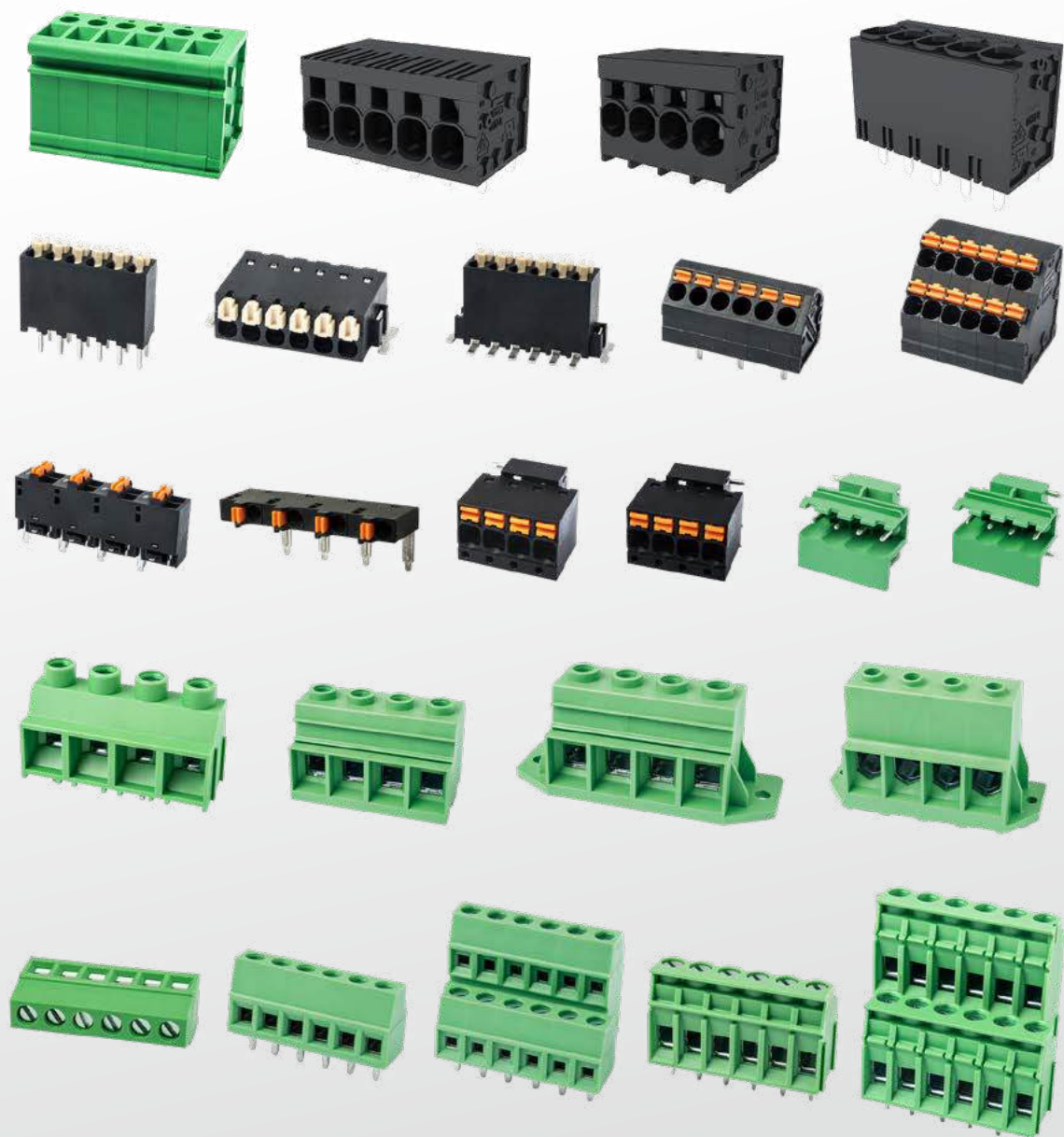
Please refer to the related page number for the compatible headers.

PCB Terminal Blocks

Dinkle PCB terminal blocks include 2.5 mm pitch miniature PCB terminals and max. 20 mm pitch terminals in both metric and imperial pitch. All product is compatible to standards UL1059 and IEC/EN60947-7-4 with safety approvals.

Provide suitable terminal blocks for your application, especially in the field of process interface, automation components and frequency converters.

Dinkle PCB terminal block products can meet your needs always. Provide you with different connection solutions for various manufacturing processes, such as push-in, Screw and spring clamp connection technologies. Makes PCB assembly efficiently and reliably.



PID (Push-in Design) PCB Terminal Blocks

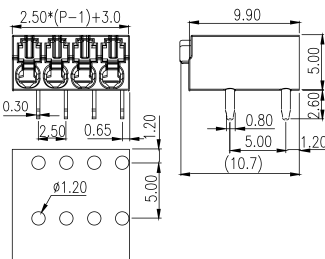
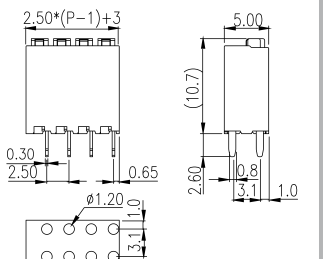


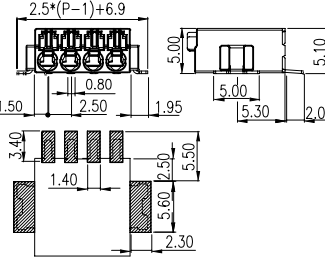
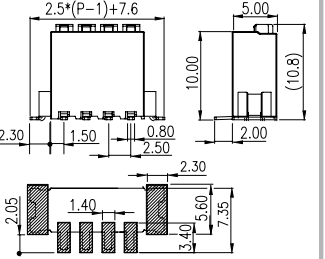
Connection method: Push-in connection
Pitch: 2.50mm / 2.54mm / 3.50mm / 3.81mm / 5.00mm / 5.08mm / 10.00mm
UL Rated: 150V/5A~ 600V/20A
IEC Rated: 130V/6A~ 1000V/24A

- Push-in connection single and double level PCB terminal blocks
- Horizontal, vertical and 45 degrees plug-in directions
- Versions with support pin for additional stability on PCB
- Color identification for each individual pole is available by request

The Push-in design adopts specially designed spring technology which allows fast and easy wiring free of tool. The structure is rigid, durable and takes moderate force to release the wire with a screwdriver.

2.50mm			0188-01XXL		0188-02XXL	
Technical Data			UL	IEC		
Rated voltage			150V	160V		
Rated current			5A	6A		
Solid (AWG/mm²)			26~18	0.2~0.5		
Flexible (AWG/mm²)			26~18	0.2~0.5		
Rated impulse voltage			2.5KV			
Wire strip length			7~8mm			
Number of Positions			02~20P			

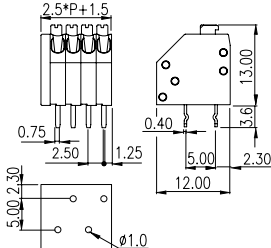
					
					

0188-01XXSMDWR			0188-02XXSMDWR		
					
					

2.50mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	2A	2A
Solid (AWG/mm²)	28~20	0.2~0.5
Flexible (AWG/mm²)	28~20	0.2~0.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~24P		

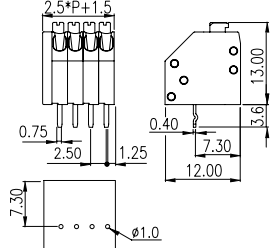
0136-10XX



2.50mm

Technical Data	UL	IEC
Rated voltage	150V	250V
Rated current	2A	2A
Solid (AWG/mm²)	28~20	0.2~0.5
Flexible (AWG/mm²)		0.2~0.5
Rated impulse voltage		2.5KV
Wire strip length	8~9mm	
Number of Positions		
0136-11XX 02~24P		

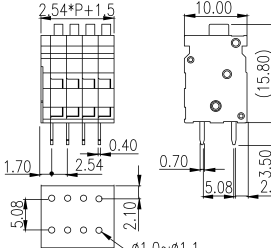
0136-11XX



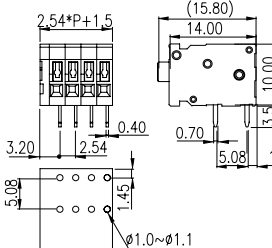
2.54mm

Technical Data	UL	IEC
Rated voltage	150V	130V
Rated current	5A	6A
Solid (AWG/mm²)	28~20	0.2~0.5
Flexible (AWG/mm²)	28~20	0.2~0.5
Rated impulse voltage		2.5KV
Wire strip length	10~11mm	
Number of Positions		
02~24P		

0138-10XX



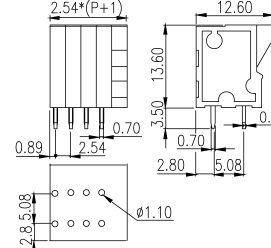
0138-11XX



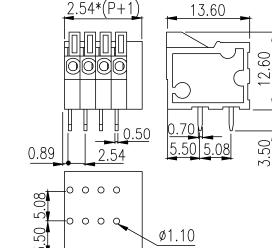
2.54mm

Technical Data	UL	IEC
Rated voltage	150V	160V
Rated current	5A	6A
Solid (AWG/mm²)	26~20	0.2~0.5
Flexible (AWG/mm²)	26~20	0.2~0.5
Rated impulse voltage		2.5KV
Wire strip length	10~11mm	
Number of Positions		
141V-XXP 01~24P		
141R-XXP 01~32P		

141V-XXP



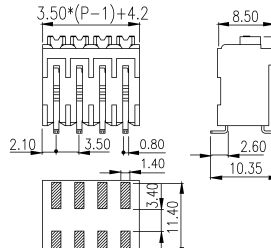
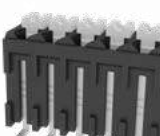
141R-XXP



3.50mm

Technical Data	UL	IEC
Rated voltage	300V	160V
Rated current	12A	17.5A
Solid (AWG/mm²)	28~16	0.14~1.5
Flexible (AWG/mm²)	28~16	0.14~1.5
Rated impulse voltage		2.5KV
Wire strip length	8~9mm	
Number of Positions		
0138-50XXSMDWR 02~12P		

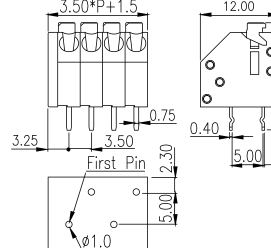
0138-50XXSMDWR



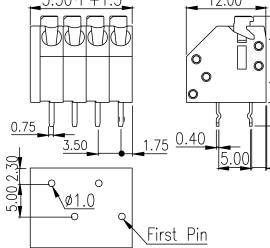
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	6A	10A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)		0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~24P		

0136-20XX



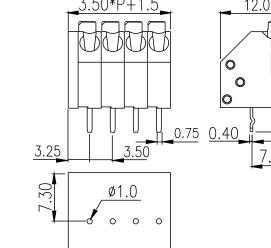
0136-23XX



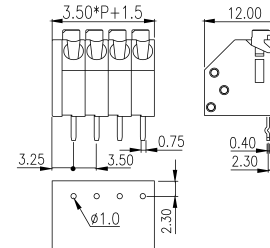
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	6A	10A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)		0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~24P		

0136-21XX



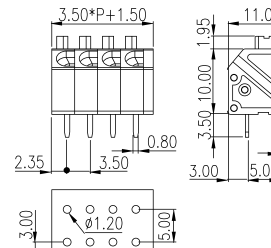
0136-22XX



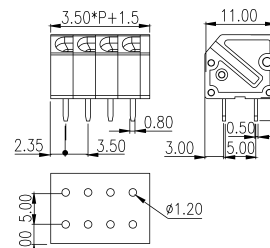
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	160V
Rated current	5A	17.5A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	24~20	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

0137-40XX



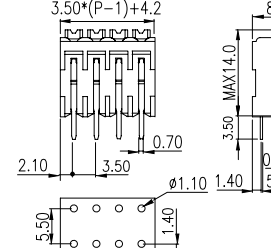
0137-41XX



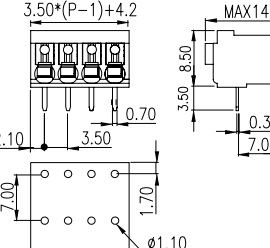
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	160V
Rated current	12A	17.5A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	8~9mm	
Number of Positions		
0138-50XX 0138-50XXL 02~24P		

0138-50XX



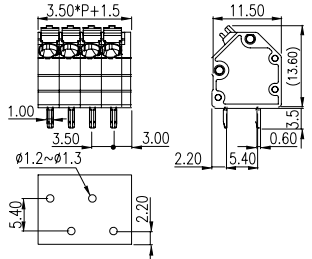
0138-51XX



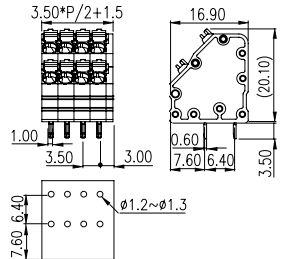
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
0151-01XX	300V	320V
0151-02XX	300V	160V
Rated current	9A	14A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	9~10mm	
Number of Positions		
0151-01XX	02~24P	
0151-01XXL		
0151-02XX	04~48P	
0151-02XXL		

0151-01XX
(0151-01XXL)



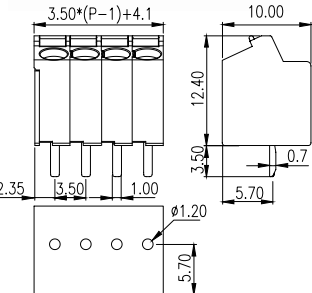
0151-02XX
(0151-02XXL)



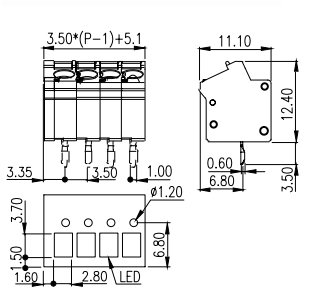
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	200V
Rated current	10A	14A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	8~9mm	
Number of Positions		
02~24P		

0185-13XX



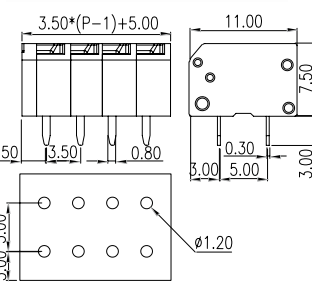
0185-12XX



3.50mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	5A	9A
Solid (AWG/mm²)	24~18	0.2~0.75
Flexible (AWG/mm²)	24~18	0.2~0.75
Rated impulse voltage		2.5KV
Wire strip length	7~8mm	
Number of Positions		
02~20P		

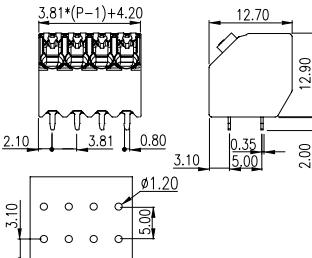
0137-41XXM



3.81mm

Technical Data	UL	IEC
Rated voltage	300V	160V
Rated current	12A	17.5A
Solid (AWG/mm²)	28~14	0.2~1.5
Flexible (AWG/mm²)	28~14	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	8~9mm	
Number of Positions		
02~24P		

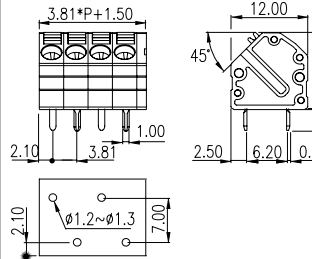
0138-42XXL20



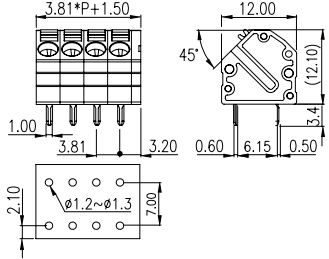
3.81mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	10A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

0141-01XX



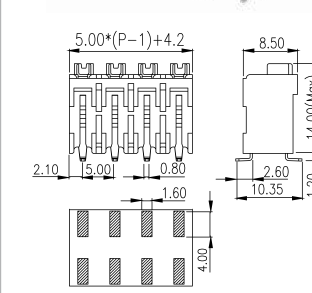
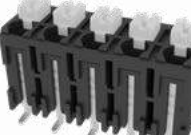
0141-22XX



5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	13.5A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
02~08P		

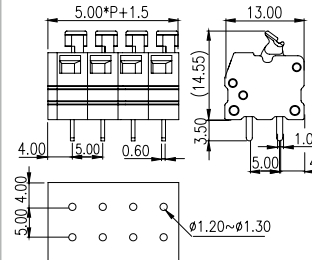
0188-12XXSMDWR



5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	26~14	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		

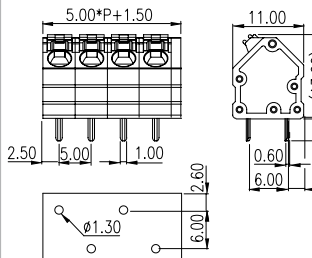
0137-11XX



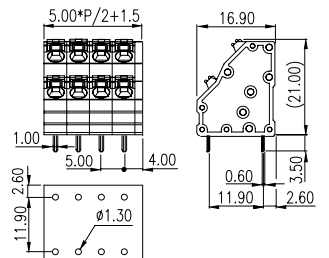
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		4KV
Wire strip length	8~9mm	
Number of Positions		
0152-01XX	02~24P	
0152-02XX	04~48P	

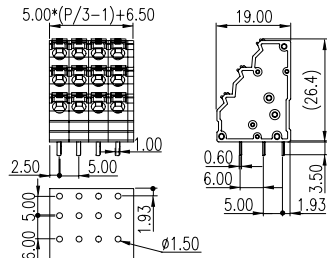
0152-01XX



0152-02XX



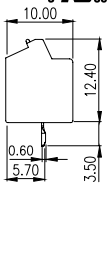
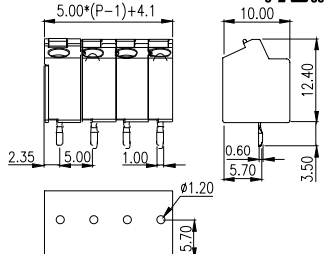
0152-03XX



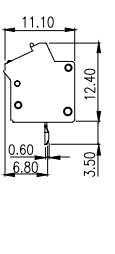
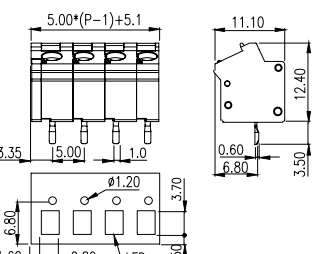
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	14A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	8~9mm	
Number of Positions		
0185-31XX	02~24P	
0185-32XX	02~20P	

0185-31XX



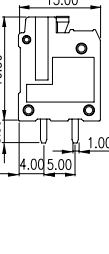
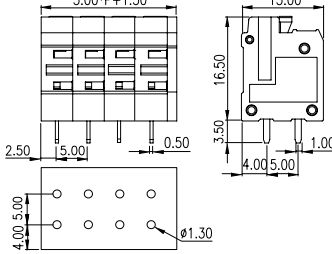
0185-32XX



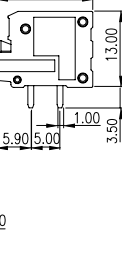
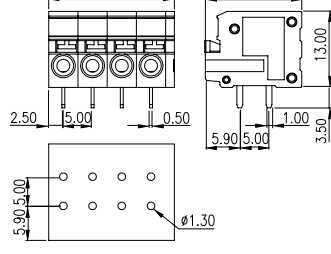
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	26~14	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	10~11mm	
Number of Positions		
02~24P		

0138-70XX



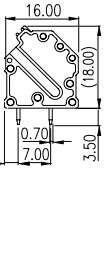
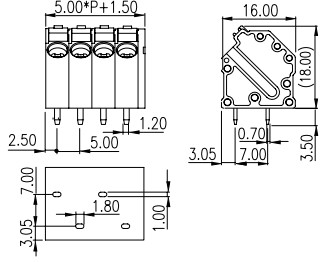
0138-76XX



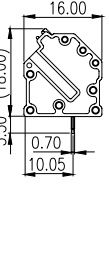
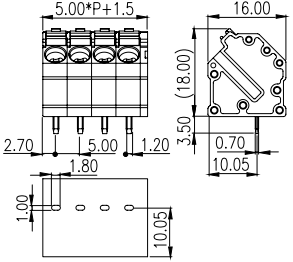
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage	4KV	
Wire strip length	12~14mm	
Number of Positions		
0153-01XX	02~24P	
0153-91XX	04~48P	
0153-02XX		

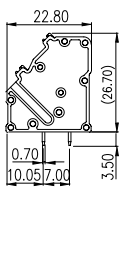
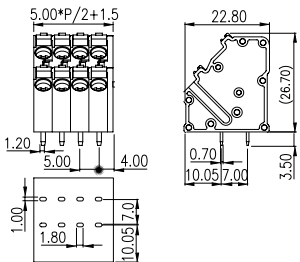
0153-01XX



0153-91XX



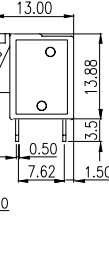
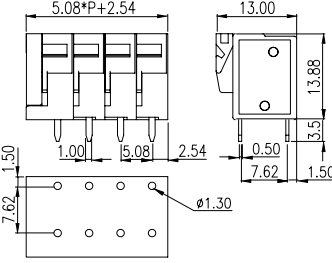
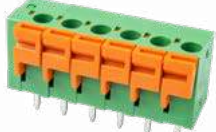
0153-02XX



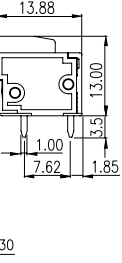
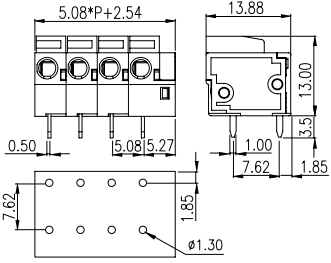
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	10A	17.5A
Solid (AWG/mm²)	22~14	0.5~1.5
Flexible (AWG/mm²)	22~14	0.5~1.5
Rated impulse voltage	4KV	
Wire strip length	9~10mm	
Number of Positions		
02~24P		

142V-XXP



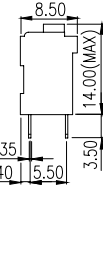
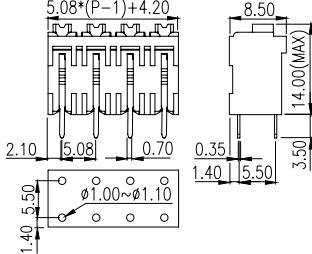
142R-XXP



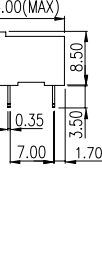
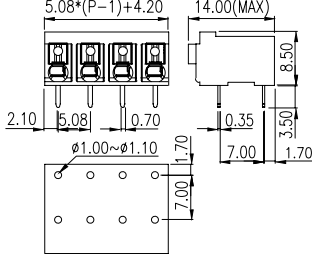
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	12A	17.5A
Solid (AWG/mm²)	28~14	0.2~1.5
Flexible (AWG/mm²)	28~14	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	8~9mm	
Number of Positions		
0138-61XX	02~16P	
0138-60XX	02~18P	
0138-60XXL	02~24P	
0138-61XXL		

0138-60XX
0138-60XXL



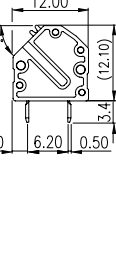
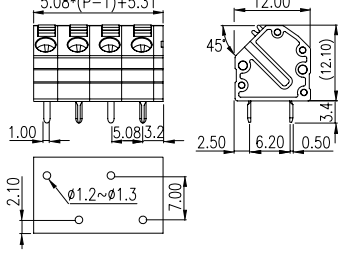
0138-61XX
0138-61XXL



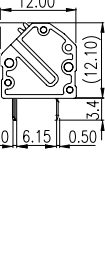
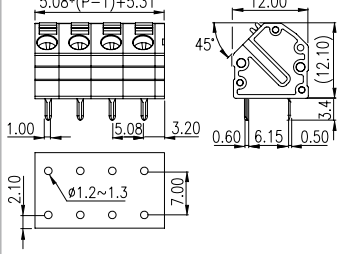
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	10A
Solid (AWG/mm²)	26~16	0.2~1.5
Flexible (AWG/mm²)	26~16	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	9~10mm	
Number of Positions		
02~24P		

0141-21XX



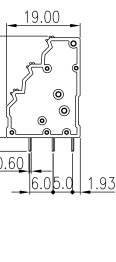
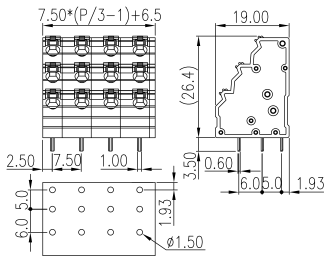
0141-24XX



7.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	26~14	0.2~1.5
Flexible (AWG/mm²)	0.2~1.5	
Rated impulse voltage	4KV	
Wire strip length	8~9mm	
Number of Positions		
06~33P		

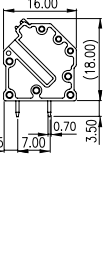
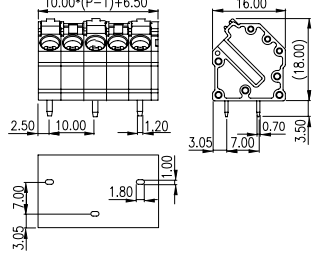
0152-53XX



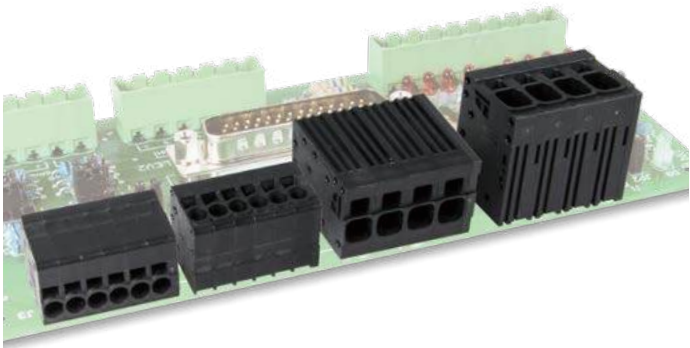
10.00mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage	8KV	
Wire strip length	12~14mm	
Number of Positions		
02~12P		

0153-41XX



Front Entry PID Terminal Blocks

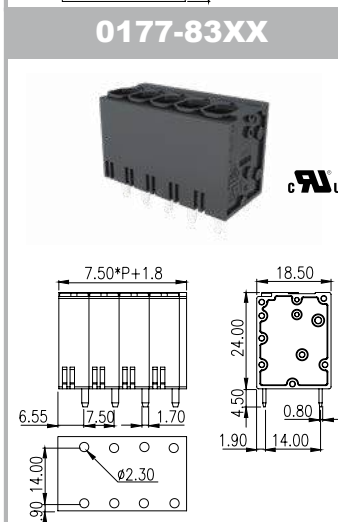
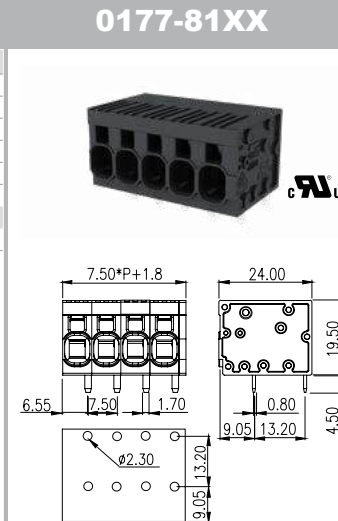


Connection method: Push-in connection
Pitch: 3.50mm / 5.00mm / 6.35mm /
7.50mm / 10.00mm / 15.00mm
UL Rated: 300V / 10A ~ 600V / 101A
IEC Rated: 320V / 17.5A ~ 1000V / 125A

- 2 pins on each pole for excellent stability on PCB
- Versions with horizontal and vertical wire entry direction
- For stranded wire connection without ferrules, the clamp shall be opened by a screwdriver

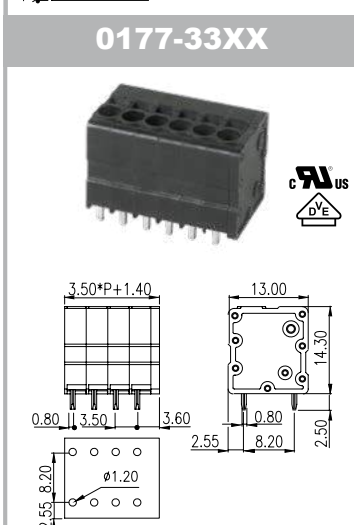
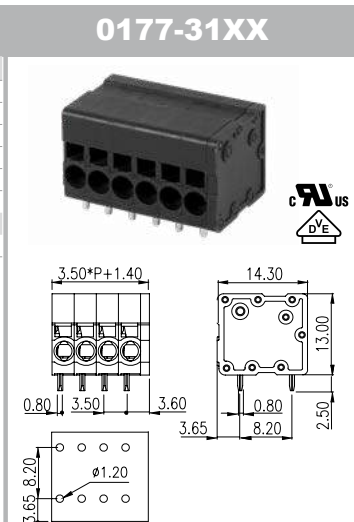
7.50mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	36A	41A
Solid (AWG/mm ²)	24~8	0.2~10
Flexible (AWG/mm ²)	24~8	0.2~6
Rated impulse voltage		6KV
Wire strip length	15mm	
Number of Positions		
02~16P		



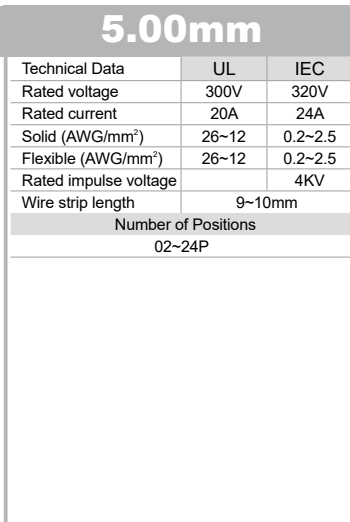
3.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm ²)	26~16	0.2~1.5
Flexible (AWG/mm ²)	26~16	0.2~1.5
Rated impulse voltage		2.5KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		



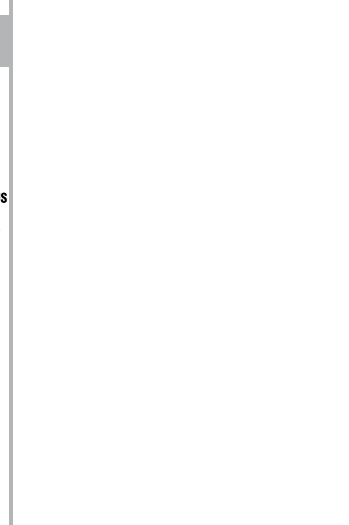
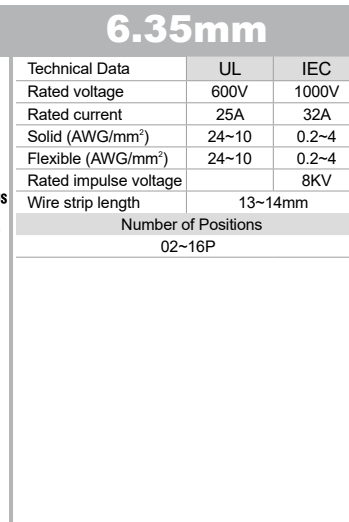
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm ²)	26~12	0.2~2.5
Flexible (AWG/mm ²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	9~10mm	
Number of Positions		
02~24P		



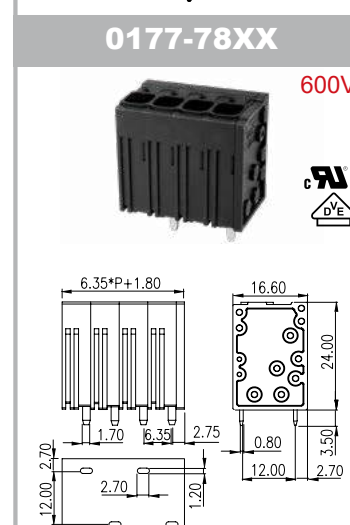
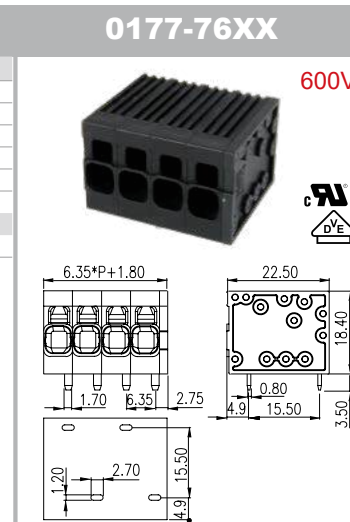
6.35mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	25A	32A
Solid (AWG/mm ²)	24~10	0.2~4
Flexible (AWG/mm ²)	24~10	0.2~4
Rated impulse voltage		8KV
Wire strip length	13~14mm	
Number of Positions		
02~16P		



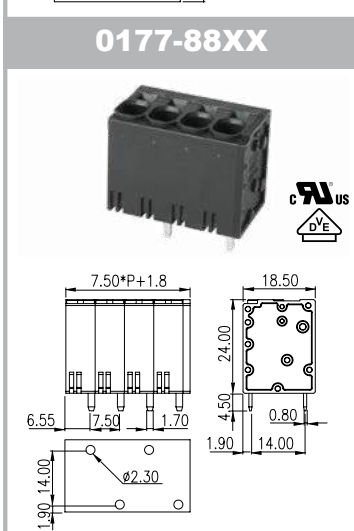
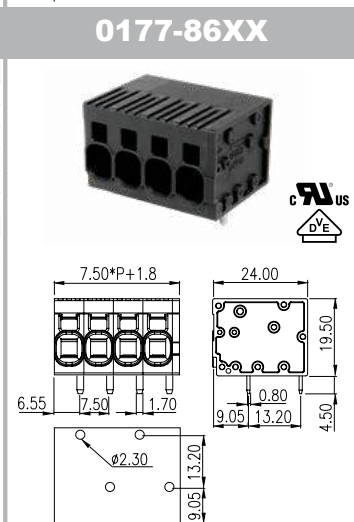
6.35mm

Technical Data	UL	IEC		
Rated voltage	600V	1000V		
Rated current	25A	32A		
Solid (AWG/mm ²)	24~10	0.2~4		
Flexible (AWG/mm ²)	24~10	0.2~4		
Rated impulse voltage		8KV		
Wire strip length	13~14mm			
Number of Positions				
02~16P				



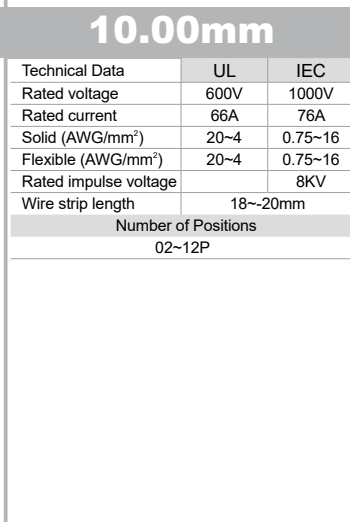
7.50mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	36A	41A
Solid (AWG/mm ²)	24~8	0.2~10
Flexible (AWG/mm ²)	24~8	0.2~6
Rated impulse voltage		8KV
Wire strip length	15~16mm	
Number of Positions		
02~16P		



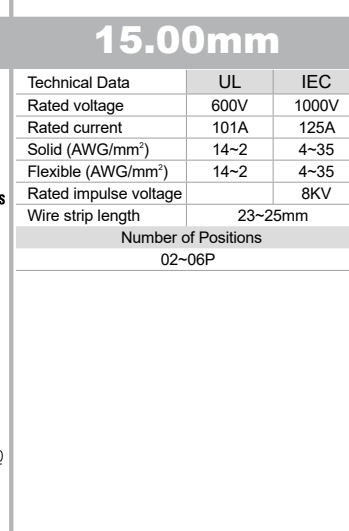
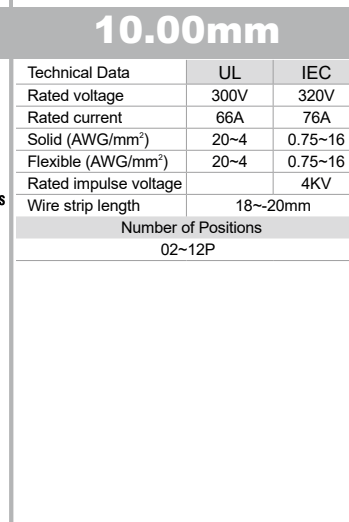
10.00mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	66A	76A
Solid (AWG/mm ²)	20~4	0.75~16
Flexible (AWG/mm ²)	20~4	0.75~16
Rated impulse voltage		8KV
Wire strip length	18~20mm	
Number of Positions		
02~12P		



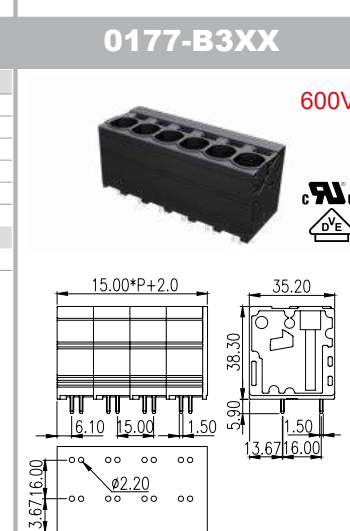
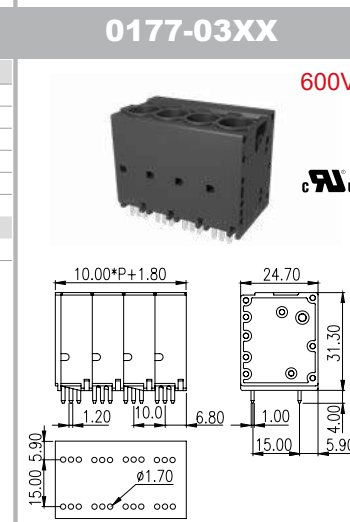
10.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	66A	76A
Solid (AWG/mm²)	20~4	0.75~16
Flexible (AWG/mm²)	20~4	0.75~16
Rated impulse voltage		4KV
Wire strip length	18~20mm	
Number of Positions		
02~12P		

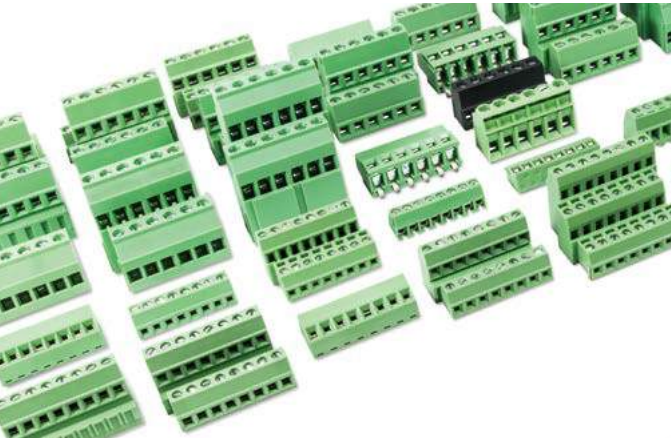


10.00mm

Technical Data	UL	IEC		
Rated voltage	600V	1000V		
Rated current	101A	125A		
Solid (AWG/mm ²)	14~2	4~35		
Flexible (AWG/mm ²)	14~2	4~35		
Rated impulse voltage		8KV		
Wire strip length	23~25mm			
Number of Positions				
02~06P				



Screw Connection PCB Terminal Blocks



Connection method: Screw connection
Pitch: 2.54mm / 3.50mm / 3.81mm / 5.00mm / 6.35mm / 7.50mm / 9.52mm / 10.10mm / 15.00mm / 17.50mm / 20.00mm
UL Rated: 150V / 10A ~ 600V / 200A
IEC Rated: 160V / 8A ~ 1000V / 232A

- Versions with single, double and triple-level PCB terminal blocks
- Horizontal, vertical and 45 degrees wire entry directions
- Space saving and finger-safe housing design
- Special markings on the housing for identification are available by request

Connection method: Screw connection
Pitch: 2.54mm / 3.50mm / 3.81mm / 5.00mm / 6.35mm / 7.50mm / 9.52mm / 10.10mm / 15.00mm / 17.50mm / 20.00mm
UL Rated: 150V / 10A ~ 600V / 200A
IEC Rated: 160V / 8A ~ 1000V / 232A

- Versions with single, double and triple-level PCB terminal blocks
- Horizontal, vertical and 45 degrees wire entry directions
- Space saving and finger-safe housing design
- Special markings on the housing for identification are available by request

2.54mm

Technical Data

UL	IEC
Rated voltage	150V160V
Rated current	10A8A
Solid (AWG/mm²)	28~160.2~1.5
Flexible (AWG/mm²)	28~160.2~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2
Screw	M1.6
Wire strip length	4~5mm

Number of Positions

02~16P

EK254V-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	12A12A
Solid (AWG/mm²)	30~160.5~1.5
Flexible (AWG/mm²)	30~160.5~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

04~48P

06~72P

EK381V4L-XXP

3.50mm

Technical Data

UL	IEC
Rated voltage	300V130V
Rated current	10A12A
Solid (AWG/mm²)	30~160.14~1.5
Flexible (AWG/mm²)	30~160.14~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

02~24P

EK350V-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	12A12A
Solid (AWG/mm²)	30~160.5~1.5
Flexible (AWG/mm²)	30~160.5~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

02~16P

02~24P

02~24P

02~24P

02~24P

EK381V-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	15A12A
Solid (AWG/mm²)	30~140.2~1.5
Flexible (AWG/mm²)	30~140.2~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

02~24P

02~24P

02~24P

04~48P

ESK381V-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	13.5A17.5A
Solid (AWG/mm²)	30~160.14~1.5
Flexible (AWG/mm²)	30~140.14~1.5
Rated impulse voltage	4KV
Torque (N-m)	0.4~0.5
Screw	M2.5
Wire strip length	5~6mm

Number of Positions

02~24P

EK381V3L-XXP

3.50mm

Technical Data

UL	IEC
Rated voltage	300V130V
Rated current	10A10A
Solid (AWG/mm²)	30~160.2~1.5
Flexible (AWG/mm²)	30~160.2~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

04~40P

EK350A-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	12A12A
Solid (AWG/mm²)	30~160.5~1.5
Flexible (AWG/mm²)	30~160.5~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

02~16P

02~24P

02~24P

02~24P

02~24P

EEK381V-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	13.5A17.5A
Solid (AWG/mm²)	30~160.14~1.5
Flexible (AWG/mm²)	30~140.14~1.5
Rated impulse voltage	4KV
Torque (N-m)	0.5~0.6
Screw	M3
Wire strip length	6~7mm

Number of Positions

02~24P

ELK500V-XXP

5.00mm

Technical Data

UL	IEC
Rated voltage	300V320V
Rated current	13.5A14A
Solid (AWG/mm²)	26~160.2~1.5
Flexible (AWG/mm²)	26~160.2~1.5
Rated impulse voltage	4KV
Torque (N-m)	0.5~0.6
Screw	M3
Wire strip length	6~7mm

Number of Positions

02~24P

ELK500S-XXP

3.50mm

Technical Data

UL	IEC
Rated voltage	300V130V
Rated current	10A10A
Solid (AWG/mm²)	30~160.2~1.5
Flexible (AWG/mm²)	30~160.2~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

04~40P

EK350V4L-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	12A12A
Solid (AWG/mm²)	30~160.5~1.5
Flexible (AWG/mm²)	30~160.5~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

02~16P

02~24P

02~24P

02~24P

02~24P

E3K381V-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	15A12A
Solid (AWG/mm²)	30~140.2~1.5
Flexible (AWG/mm²)	30~140.2~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

02~24P

02~24P

02~24P

04~48P

EHK381V-XXP

5.00mm

Technical Data

UL	IEC
Rated voltage	300V320V
Rated current	13.5A14A
Solid (AWG/mm²)	26~160.2~1.5
Flexible (AWG/mm²)	26~160.2~1.5
Rated impulse voltage	4KV
Torque (N-m)	0.5~0.6
Screw	M3
Wire strip length	6~7mm

Number of Positions

02~24P

ELK500B-XXP

3.50mm

Technical Data

UL	IEC
Rated voltage	300V130V
Rated current	10A10A
Solid (AWG/mm²)	30~160.2~1.5
Flexible (AWG/mm²)	30~160.2~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

04~40P

EK350A-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	12A12A
Solid (AWG/mm²)	30~160.5~1.5
Flexible (AWG/mm²)	30~160.5~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

02~16P

02~24P

02~24P

02~24P

02~24P

EEK381V-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	15A12A
Solid (AWG/mm²)	30~140.2~1.5
Flexible (AWG/mm²)	30~140.2~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

02~24P

02~24P

02~24P

04~48P

ESK381V-XXP

5.00mm

Technical Data

UL	IEC
Rated voltage	300V320V
Rated current	13.5A14A
Solid (AWG/mm²)	26~160.2~1.5
Flexible (AWG/mm²)	26~160.2~1.5
Rated impulse voltage	4KV
Torque (N-m)	0.5~0.6
Screw	M3
Wire strip length	6~7mm

Number of Positions

02~24P

ELK500S-XXP

3.50mm

Technical Data

UL	IEC
Rated voltage	300V130V
Rated current	10A10A
Solid (AWG/mm²)	30~160.2~1.5
Flexible (AWG/mm²)	30~160.2~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

04~40P

EK350V4L-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	12A12A
Solid (AWG/mm²)	30~160.5~1.5
Flexible (AWG/mm²)	30~160.5~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

02~16P

02~24P

02~24P

02~24P

02~24P

E3K381V-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	15A12A
Solid (AWG/mm²)	30~140.2~1.5
Flexible (AWG/mm²)	30~140.2~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

02~24P

02~24P

02~24P

04~48P

EHK381V-XXP

5.00mm

Technical Data

UL	IEC
Rated voltage	300V320V
Rated current	13.5A14A
Solid (AWG/mm²)	26~160.2~1.5
Flexible (AWG/mm²)	26~160.2~1.5
Rated impulse voltage	4KV
Torque (N-m)	0.5~0.6
Screw	M3
Wire strip length	6~7mm

Number of Positions

02~24P

ELK500B-XXP

3.50mm

Technical Data

UL	IEC
Rated voltage	300V130V
Rated current	10A10A
Solid (AWG/mm²)	30~160.2~1.5
Flexible (AWG/mm²)	30~160.2~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

04~40P

EK350V4L-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	12A12A
Solid (AWG/mm²)	30~160.5~1.5
Flexible (AWG/mm²)	30~160.5~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

02~16P

02~24P

02~24P

02~24P

02~24P

E3K381V-XXP

3.81mm

Technical Data

UL	IEC
Rated voltage	300V250V
Rated current	15A12A
Solid (AWG/mm²)	30~140.2~1.5
Flexible (AWG/mm²)	30~140.2~1.5
Rated impulse voltage	2.5KV
Torque (N-m)	0.2~0.25
Screw	M2
Wire strip length	5~6mm

Number of Positions

02~24P

02~24P

02~24P

04~48P

EHK381V-XXP

5.00mm

Technical Data

UL	IEC
Rated voltage	300V320V
Rated current	13.5A14A
Solid (AWG/mm²)	26~160.2~1.5
Flexible (AWG/mm²)	26~160.2~1.5
Rated impulse voltage	4KV
Torque (N-m)	0.5~0.6
Screw	M3
Wire strip length	6~7mm

Number of Positions

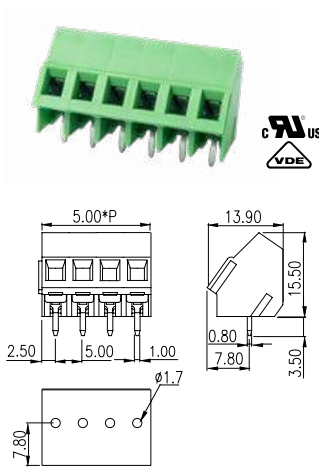
02~24P

ELK500B-XXP

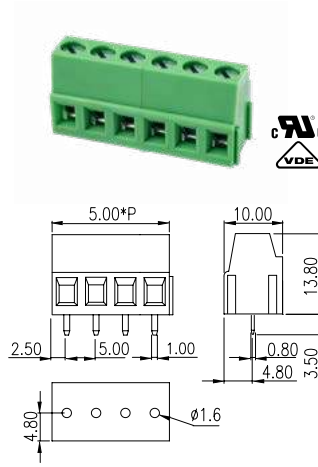
5.00mm

Technical Data		UL	IEC
Rated voltage		300V	250V
Rated current		20A	24A
Solid (AWG/mm ²)			
EK500A-XXP	24~12	0.14~2.5	
EK500V-XXP		0.5~2.5	
EK500R-XXP			
Flexible (AWG/mm ²)			
EK500A-XXP	24~12	0.14~2.5	
EK500V-XXP		0.5~2.5	
EK500R-XXP		0.5~2.5	
Rated impulse voltage		4KV	
Torque (N·m)		0.5~0.8	
Screw		M2.5	
Wire strip length		6~7mm	
Number of Positions			
02~24P			

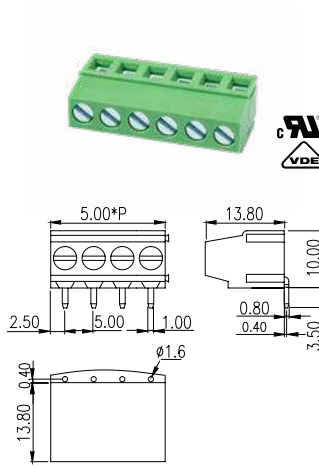
EK500A-XXP



EK500V-XXP



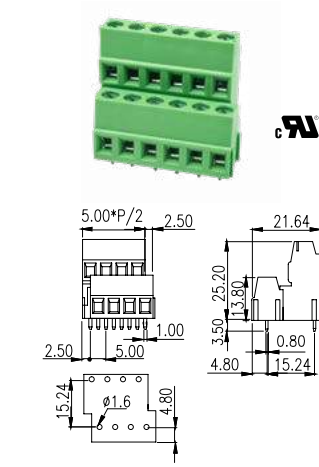
EK500R-XXP



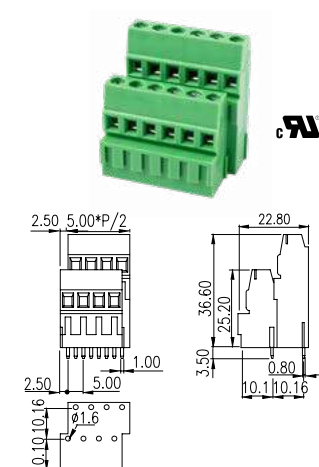
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm ²)	24-12	0.5-2.5
Flexible (AWG/mm ²)	24-12	0.5-2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4-0.5	
Screw	M2.5	
Wire strip length	6-7mm	
Number of Positions		
EK500V4L-XXP	04-60P	
EK500V2L-XXP	04-20P	
EK500V3L-XXP	06-72P	

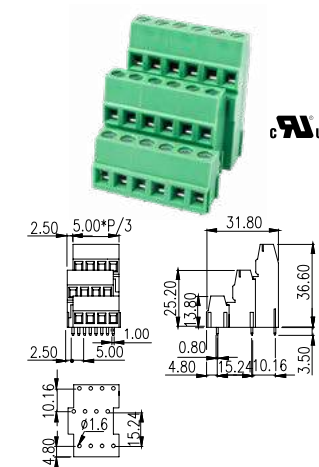
EK500V4L-XXP



EK500V2L-XXP



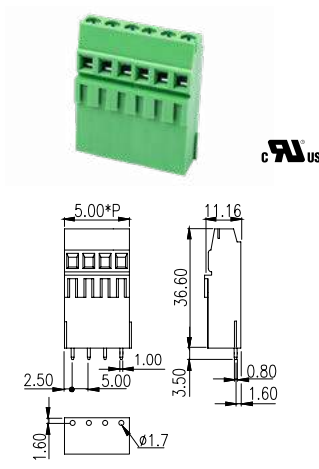
EK500V3L-XXP



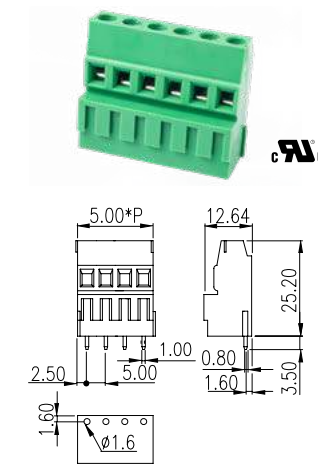
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.5~2.5
Flexible (AWG/mm²)	24~12	0.5~2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
E3K500V-XXP	02~24P	
EEK500V-XXP	02~14P	

E3K500V-XXP



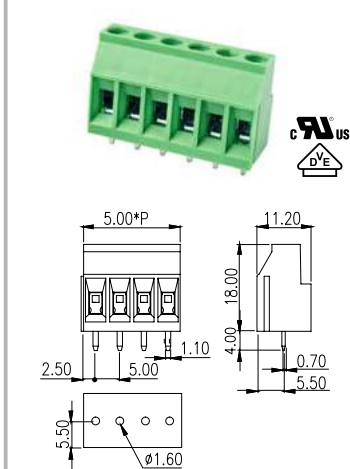
EEK500V-XXP



5.00mm

Technical Data	UL	IEC
Rated voltage	300V	300V
Rated current	25A	24A
Solid (AWG/mm ²)	24~12	0.2~4
Flexible (AWG/mm ²)	24~12	0.2~2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
02~24P		

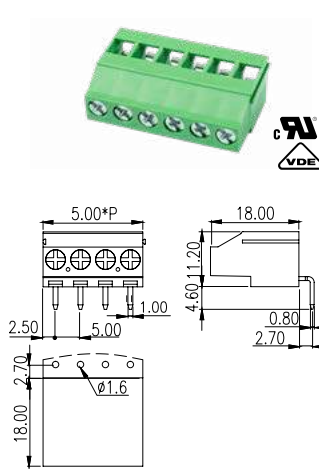
EHK5V-XXP



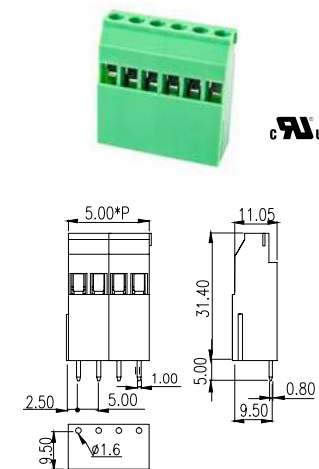
5.00mm

Technical Data		UL	IEC
Rated voltage		300V	250V
Rated current			
EHK500R-XXP		25A	24A
E2HK500V-XXPAM		20A	24A
Solid (AWG/mm ²)		24~12	0.5~2
Flexible (AWG/mm ²)		24~12	0.5~2
Rated impulse voltage			4KV
Torque (N-m)		0.4~0.5	
Screw		M2.5	
Wire strip length		6~7mm	
Number of Positions			
EHK500R-XXP		02~24P	
E2HK500V-XXPAM		02~16P	

EHK500R-XXP



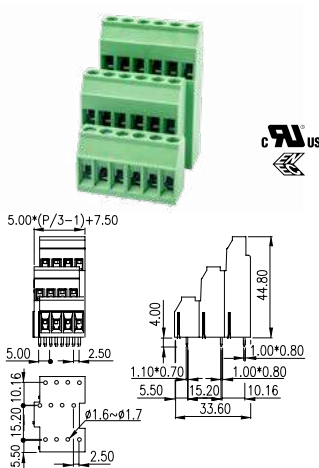
E2HK500V-XXPAM



5.00mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage	4KV	
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
06~72P		

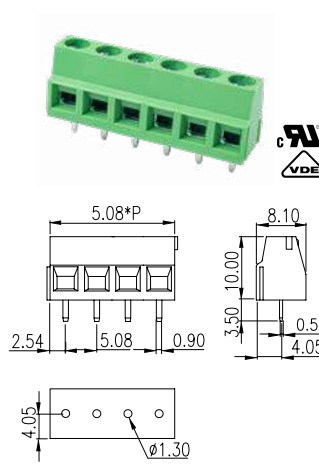
EHK5V3L-XXP



5.08mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	13.5A	14A
Solid (AWG/mm ²)	30~16	0.5~1.5
Flexible (AWG/mm ²)	30~16	0.5~1.5
Rated impulse voltage	4KV	
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	5~6mm	
Number of Positions		
02~24P		

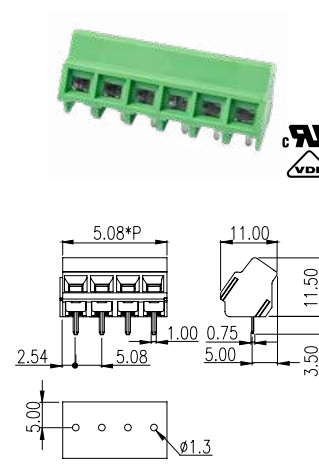
ELK508V-XXP



5.08mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	13.5A	17.5A
Solid(AWG/mm²)	30~14	0.14~1.5
Flexible (AWG/mm²)	30~14	0.14~1.5
Rated impulse voltage	4KV	
Torque(N·m)	0.4~0.5	
Screw	M2.5	
Wire strip length	5~6mm	
Number of Positions		
02~24P		

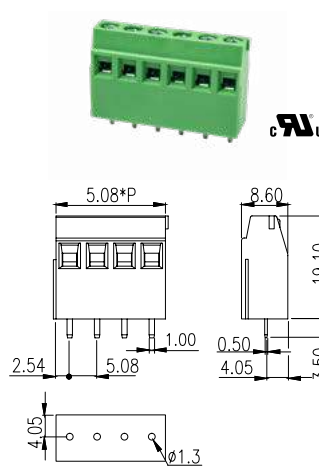
ELK508S-XXP



5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	13.5A	13.5A
Solid (AWG/mm ²)	30~14	0.14~1.5
Flexible (AWG/mm ²)	30~14	0.14~1.5
Rated impulse voltage	4KV	
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
02~24P		

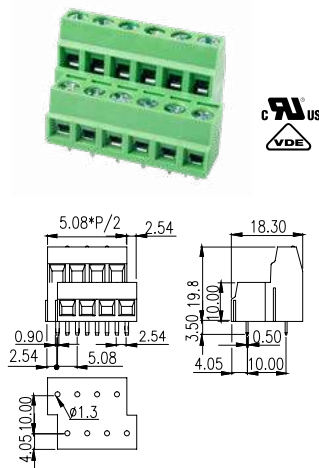
E2LK508V-XXP



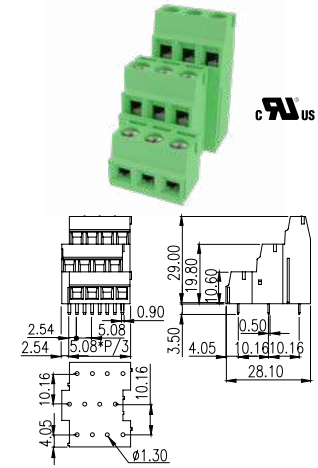
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	13.5A	14A
Solid (AWG/mm²)	26~16	0.5~1.5
Flexible (AWG/mm²)	26~16	0.5~1.5
Rated impulse voltage	4KV	
Torque (N·m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
EELK508V-XXP	04~32P	
ELK508V3L-XXP	06~48P	

EELK508V-XXP



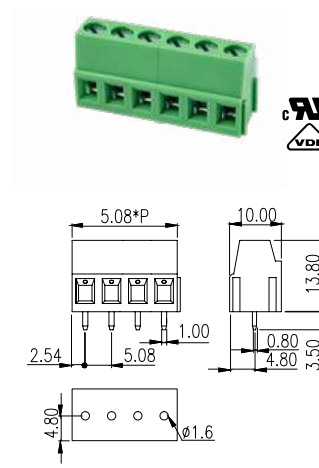
ELK508V3L-XXP



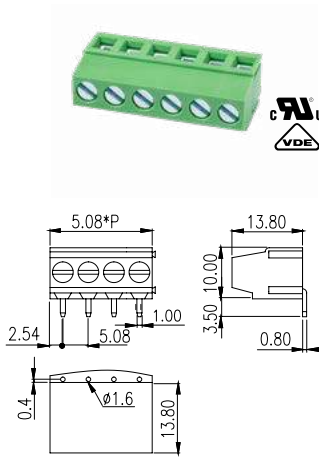
5.08mm

Technical Data		UL	IEC
Rated voltage		300V	250V
Rated current		20A	24A
Solid (AWG/mm²)			
EK508V-XXP	24~12	0.5~2.5	
EK508R-XXP			
EK508A-XXP		0.14~2.5	
Flexible (AWG/mm²)			
EK508V-XXP	24~12	0.5~2.5	
EK508R-XXP			
EK508A-XXP		0.14~2.5	
Rated impulse voltage		4KV	
Torque (N-m)		0.4~0.5	
Screw		M2.5	
Wire strip length			
EK508V-XXP		6~7mm	
EK508R-XXP			
EK508A-XXP			
7~8mm			
Number of Positions			
EK508V-XXP		02~24P	
EK508R-XXP			
EK508A-XXP			
		02~25P	

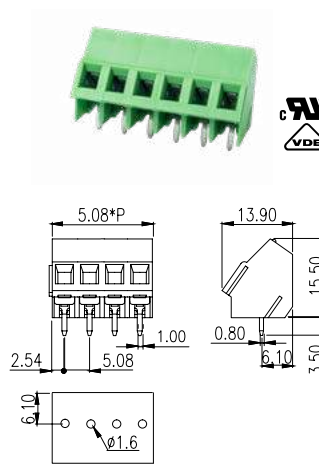
EK508V-XXP



EK508R-XXP



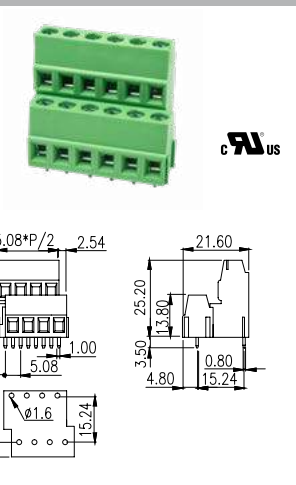
EK508A-XXP



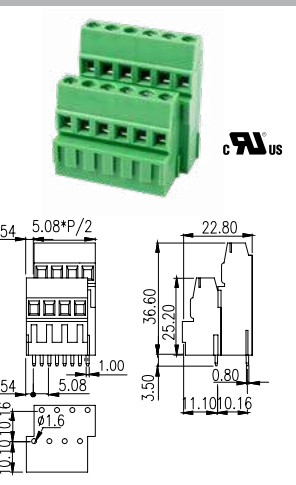
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.5~2.5
Flexible (AWG/mm²)	24~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
EK508V4L-XXP	04~70P	
EK508V2L-XXP	04~36P	
EK508V3L-XXP	06P, 09P...up to 72P	
E3K508V-XXP	02P, 03P...up to 24P	
EEK508V-XXP	02~15P	

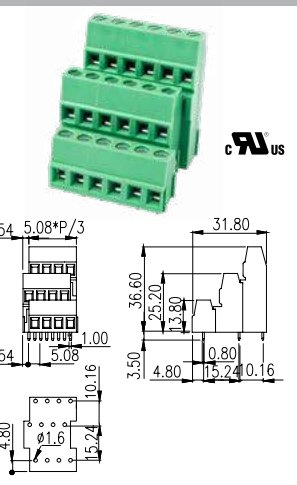
EK508V4L-XXP



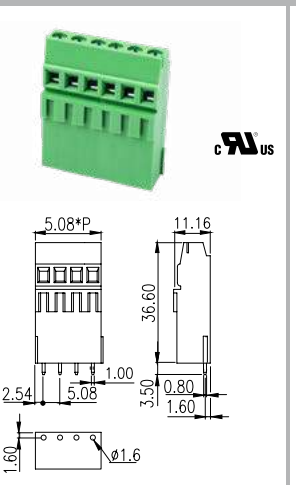
EK508V2L-XXP



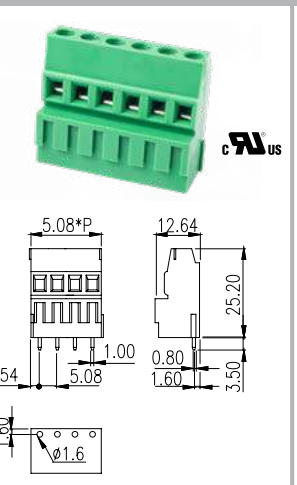
EK508V3L-XXP



E3K508V-XXP



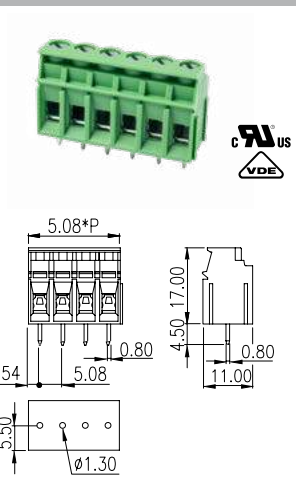
EEK508V-XXP



5.08mm

Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	23A	24A
Solid (AWG/mm²)	26~12	0.5~2.5
Flexible (AWG/mm²)	26~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	7~8mm	
Number of Positions		
	02~24P	

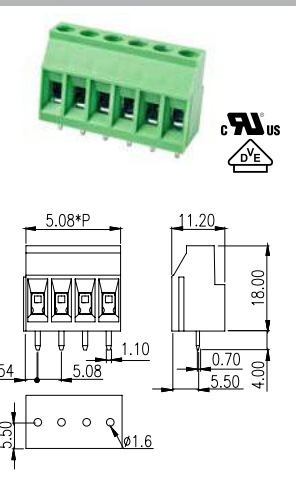
ESK508V-XXP



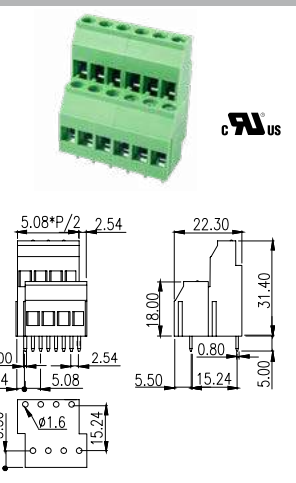
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	300V
Rated current	25A	24A
Solid (AWG/mm²)	24~12	0.2~4
Flexible (AWG/mm²)	24~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
EHK2V-XXP	02~24P	
EEHK2V-XXP	04~48P	

EHK2V-XXP



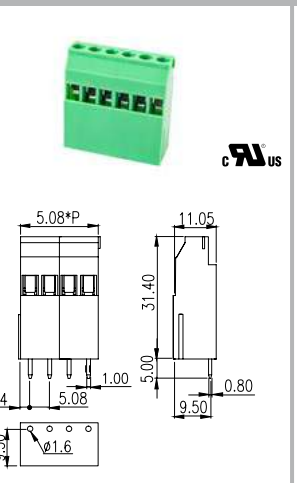
EEHK2V-XXP



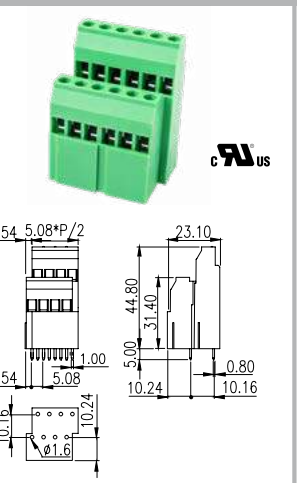
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	25A	24A
Solid (AWG/mm²)	24~12	0.5~2.5
Flexible (AWG/mm²)	24~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
E2HK508V-XXP	02P, 03P...up to 16P	
EHK508V2L-XXP	04P, 06P...up to 48P	
EHK508V3L-XXP	06P, 09P...up to 72P	

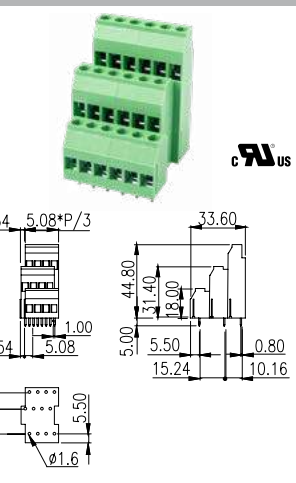
E2HK508V-XXPAM



EHK508V2L-XXP



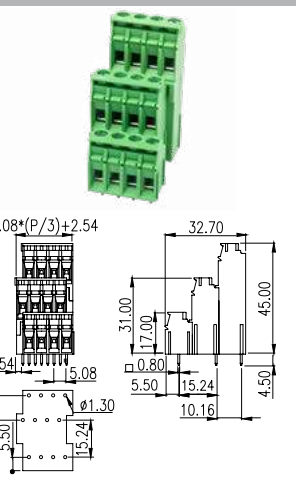
EHK508V3L-XXP



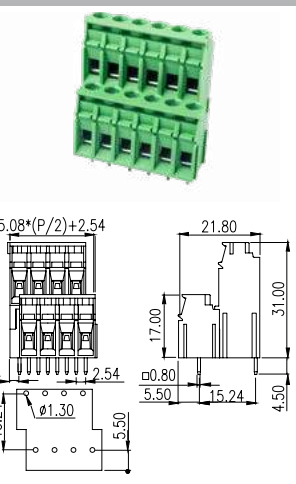
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	20A	24A
Solid (AWG/mm²)	26~12	0.2~2.5
Flexible (AWG/mm²)	26~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	7~8mm	
Number of Positions		
ESK508V3L-XXP	06~48P	
ESK508V4L-XXP	04~32P	

ESK508V3L-XXP



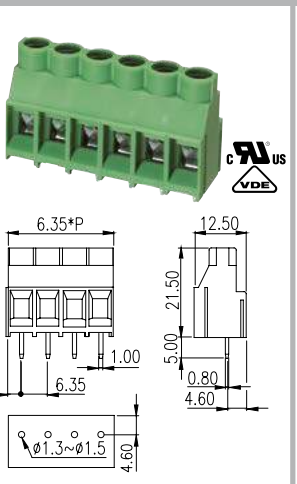
ESK508V4L-XXP



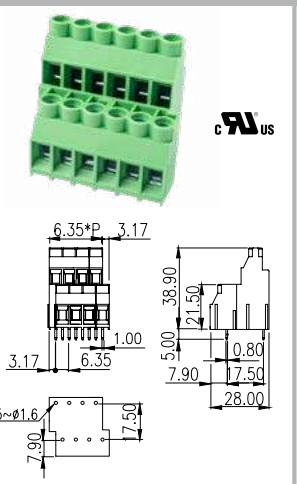
6.35mm

Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	30A	32A
Solid (AWG/mm²)	26~10	0.2~4.0
Flexible (AWG/mm²)	26~10	0.2~4.0
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	8~9mm	
Number of Positions		
ESK635V-XXP	02~24P	
EKB635V-XXP	04P, 06P...up to 48P	

ESK635V-XXP



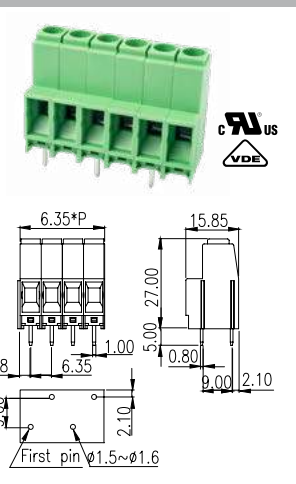
EKB635V-XXP



6.35mm

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	35A	41A
Solid (AWG/mm²)	18~8	0.2~6
Flexible (AWG/mm²)	18~8	0.2~6
Rated impulse voltage		8KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	9~10mm	
Number of Positions		
	02~16P	

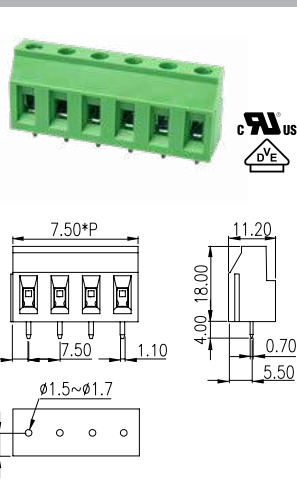
EPK635VN-XXP



7.50mm

Technical Data	UL	IEC
Rated voltage	300V	600V
Rated current	25A	24A
Solid (AWG/mm²)	24~12	0.2~4
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage		6KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
	02~16P	

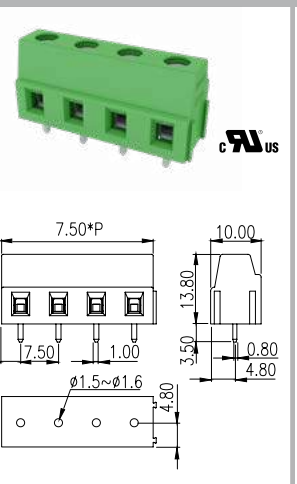
EHK7V-XXP



7.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm²)	28~12	0.2~4
Flexible (AWG/mm²)	28~12	0.2~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	6~7mm	
Number of Positions		
	02~16P	

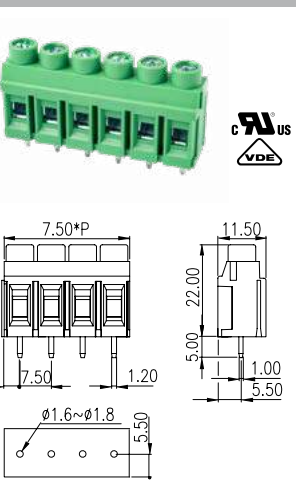
EK750V-XXP



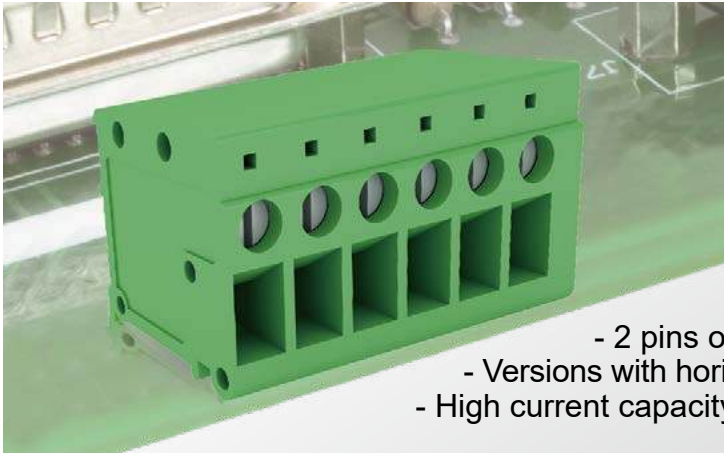
7.50mm

Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	30A	32A
Solid (AWG/mm²)	24~10	0.2~4
Flexible (AWG/mm²)	24~10	0.2~4
Rated impulse voltage		6KV
Torque (N-m)	0.8~1	
Screw	M3.5	
Wire strip length	7~8mm	
Number of Positions		
	02~12P	

ESK750V-XXP



Front Entry Screw Connection Terminal Blocks



Connection method: Screw connection
Pitch: 5.00mm / 6.35mm / 7.50mm /
7.62mm / 10.00mm
UL Rated Voltage: 300V ~ 600V
UL Rated Current: 20A ~ 65A
IEC Rated Voltage: 300V ~ 1000V
IEC Rated Current: 24A ~ 57A

- 2 pins on each pole for excellent stability on PCB
- Versions with horizontal and vertical wire entry direction to the PCB
- High current capacity up to 30A for 7.62mm pitch products

5.00mm

DT-123VA-XXP

Technical Data	UL	IEC
Rated voltage	300V	300V
Rated current	20A / 26A	24A
Solid (AWG/mm²)	22~12	0.5~2.5
Flexible (AWG/mm²)	22~12	0.5~2.5
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	13~14mm	

Number of Positions
02~24P

5.00mm

DT-123RA-XXP

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A / 26A	32A
Solid (AWG/mm²)	22~12	0.5~4
Flexible (AWG/mm²)	22~12	0.5~4
Rated impulse voltage		4KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	13~14mm	

Number of Positions
02~24P

6.35mm

DT-2301-XXP

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	30A	32A
Solid (AWG/mm²)	22~10	0.5~6
Flexible (AWG/mm²)	22~10	0.5~6
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	13~14mm	

Number of Positions
02~24P

6.35mm

DT-2300-XXP

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	30A	32A
Solid (AWG/mm²)	22~10	0.5~6
Flexible (AWG/mm²)	22~10	0.5~6
Rated impulse voltage		4KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	13~14mm	

Number of Positions
02~24P

7.50mm

DT-123VA-XXP3

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	20A / 26A	24A
Solid (AWG/mm²)	22~12	0.5~2.5
Flexible (AWG/mm²)	22~12	0.5~2.5
Rated impulse voltage		6KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	13~14mm	

Number of Positions
02~24P

7.50mm

DT-123RA-XXP3

Technical Data	UL	IEC
Rated voltage	300V	500V
Rated current	20A / 26A	32A
Solid (AWG/mm²)	22~12	0.5~4
Flexible (AWG/mm²)	22~12	0.5~4
Rated impulse voltage		6KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	13~14mm	

Number of Positions
02~24P

7.50mm

DT-123HVR-XXP

Technical Data	UL	IEC
Rated voltage	600V	1000V
Rated current	20A	24A
Solid (AWG/mm²)	22~12	0.5~4
Flexible (AWG/mm²)	22~12	0.5~4
Rated impulse voltage		8KV
Torque (N-m)	0.4~0.5	
Screw	M2.5	
Wire strip length	13~14mm	

Number of Positions
02~24P

7.62mm

DT-2321-XXP

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	30A	32A
Solid (AWG/mm²)	22~10	0.5~6
Flexible (AWG/mm²)	22~10	0.5~4
Rated impulse voltage		6KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	13~14mm	

Number of Positions
02~16P

7.62mm

DT-2320-XXP

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	30A	32A
Solid (AWG/mm²)	22~10	0.5~6
Flexible (AWG/mm²)	22~10	0.5~4
Rated impulse voltage		6KV
Torque (N-m)	0.5~0.6	
Screw	M3	
Wire strip length	13~14mm	

Number of Positions
02~16P

10.00mm

PDS-10-XX

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	65A	57A
Solid (AWG/mm²)	24~6	0.5~10
Flexible (AWG/mm²)	24~6	0.5~10
Rated impulse voltage		4KV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	12~13mm	
Marking label	TM28	

Number of Positions
PDS-10-XX 01P, 02P, 03P.....
PDS-10S-XX 01P, 02P, 03P.....

• Made to order

10.00mm

PDS-10S-XX

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	65A	57A
Solid (AWG/mm²)	24~6	0.5~10
Flexible (AWG/mm²)	24~6	0.5~10
Rated impulse voltage		4KV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	12~13mm	
Marking label	TM28	

Number of Positions
PDS-10S-XX 01P, 02P, 03P.....

• Made to order

10.00mm

PDS-10A-XX

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	65A	57A
Solid (AWG/mm²)	24~6	0.5~10
Flexible (AWG/mm²)	24~6	0.5~10
Rated impulse voltage		4KV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	12~13mm	
Marking label	TM28	

Number of Positions
PDS-10A-XX 01P, 02P, 03P.....
PDS-10SA-XX 01P, 02P, 03P.....

• Made to order

10.00mm

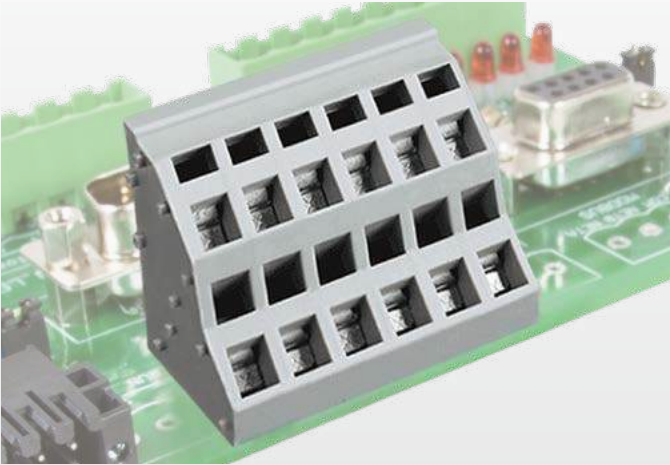
PDS-10SA-XX

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	65A	57A
Solid (AWG/mm²)	24~6	0.5~10
Flexible (AWG/mm²)	24~6	0.5~10
Rated impulse voltage		4KV
Torque (N-m)	1.2~1.5	
Screw	M4	
Wire strip length	12~13mm	
Marking label	TM28	

Number of Positions
PDS-10SA-XX 01P, 02P, 03P.....

• Made to order

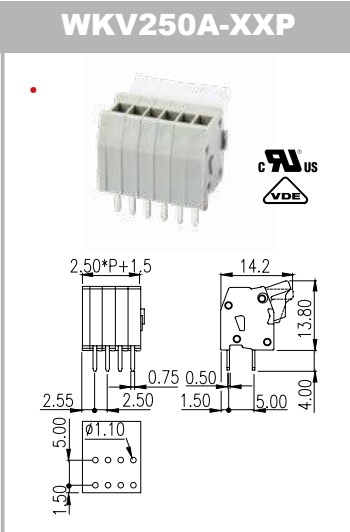
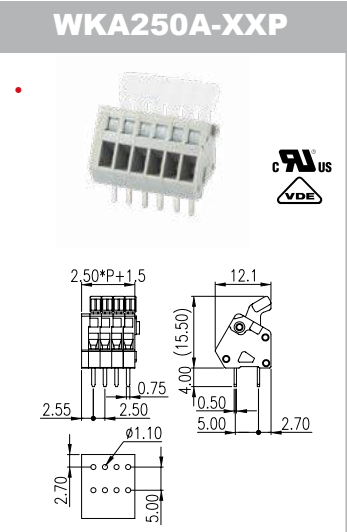
Spring Clamp
Connection
PCB Terminal Blocks



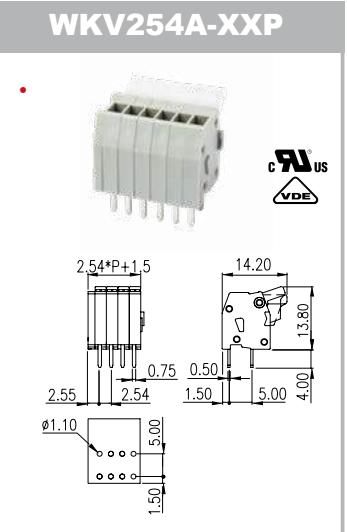
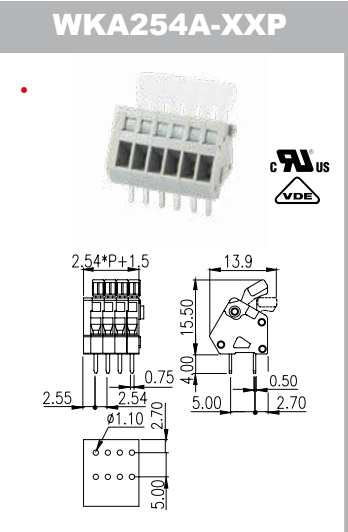
Connection method: Spring clamp connection
Pitch: 2.50mm / 5.00mm / 5.08mm /
7.50mm / 10.00mm
UL Rated: 300V/4A~ 300V/57A
IEC Rated: 130V/6A~ 450V/76A

- Versions with single, double, triple and four-level PCB terminal blocks
- Colored marking of individual pole is available by request

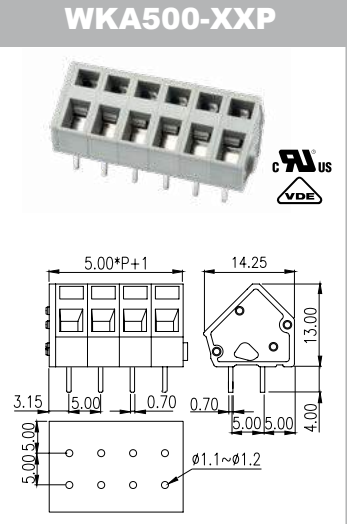
2.50mm		
Technical Data	UL	IEC
Rated voltage	300V	130V
Rated current	4A	6A
Solid (AWG/mm²)	28~20	0.5
Flexible (AWG/mm²)	28~20	0.5
Rated impulse voltage	2.5KV	
Wire strip length	5~6mm	
Number of Positions		
WKA250A-XXP	02P, 03P, 04P.....	
WKV250A-XXP	02P, 03P, 04P.....	
• Made to order		



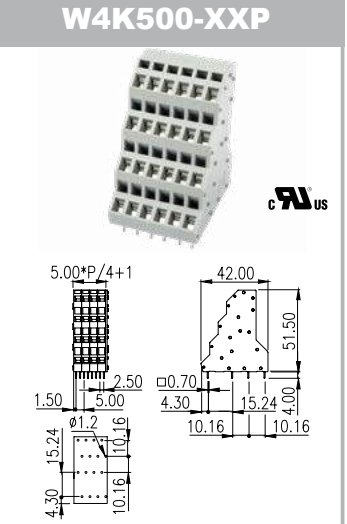
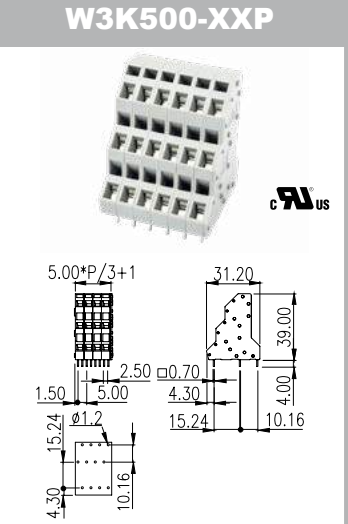
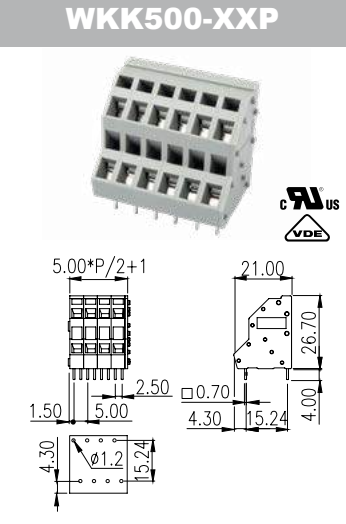
2.54mm		
Technical Data	UL	IEC
Rated voltage	300V	130V
Rated current	4A	6A
Solid (AWG/mm ²)	28-20	0.5
Flexible (AWG/mm ²)	28-20	0.5
Rated impulse voltage	2.5KV	
Wire strip length	5-6mm	
Number of Positions		
WKA254A-XXP	02P, 03P, 04P.....	
WKV254A-XXP	02P, 03P, 04P.....	
• Made to order		



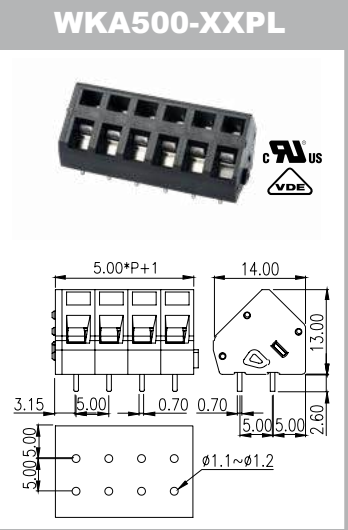
5.00mm		
Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	15A	24A
Solid (AWG/mm²)	28~12	0.5~2.5
Flexible (AWG/mm²)	28~12	0.5~2.5
Rated impulse voltage	4KV	
Wire strip length	5~6mm	
Number of Positions		
WKA500-XXP	02P, 03P, 04P.....	



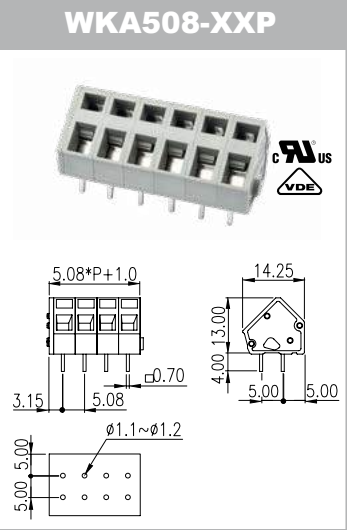
5.00mm		
Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	10A	24A
Solid (AWG/mm²)	28~12	0.5~2.5
Flexible (AWG/mm²)	28~12	0.5~2.5
Rated impulse voltage	4KV	
Wire strip length	6~7mm	
Number of Positions		
WKK500-XXP	04P, 06P, 08P	
W3K500-XXP	06P, 09P, 12P	
W4K500-XXP	08P, 12P, 16P	



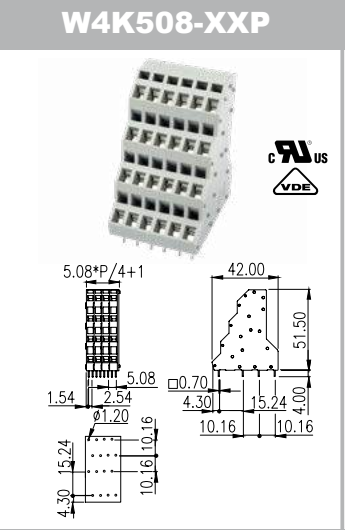
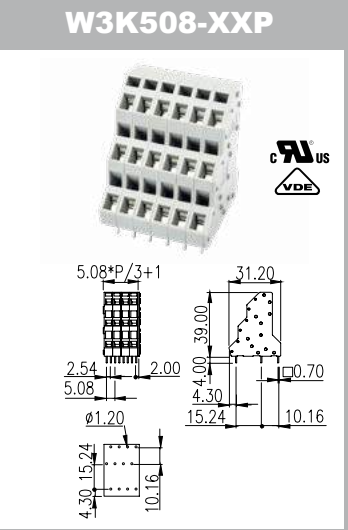
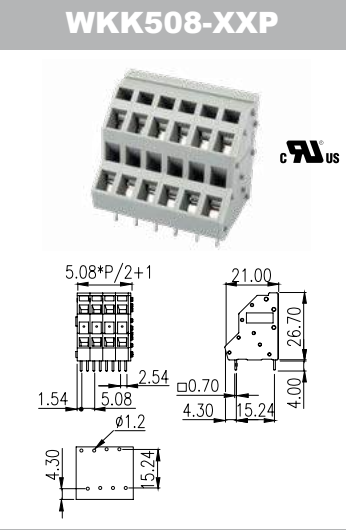
5.00mm		
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	15A	24A
Solid (AWG/mm²)	28~12	0.2~2.5
Flexible (AWG/mm²)	28~12	0.2~2.5
Rated impulse voltage		4KV
Wire strip length	5~6mm	
Number of Positions		
02~12P		



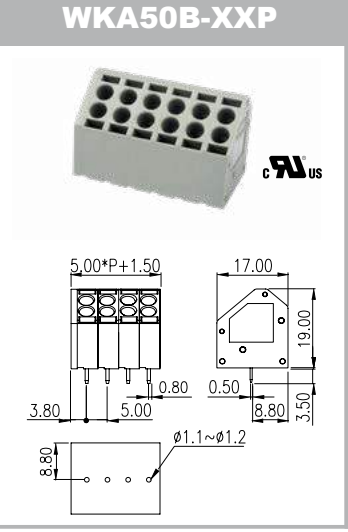
5.08mm		
Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	15A	24A
Solid (AWG/mm²)	28~12	0.5~2.5
Flexible (AWG/mm²)	28~12	0.5~2.5
Rated impulse voltage	4KV	
Wire strip length	5~6mm	
Number of Positions		
02P, 03P, 04P.....		



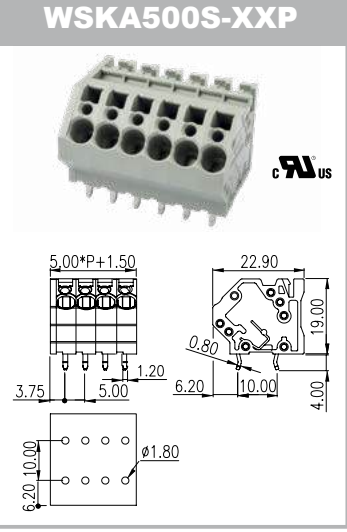
5.08mm		
Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	10A	24A
Solid (AWG/mm²)	28~12	0.5~2.5
Flexible (AWG/mm²)	28~12	0.5~2.5
Rated impulse voltage	4KV	
Wire strip length	6~7mm	
Number of Positions		
WKK508-XXP	04P, 06P, 08P.....	
W3K508-XXP	06P, 09P, 12P.....	
W4K508-XXP	08P, 12P, 16P.....	



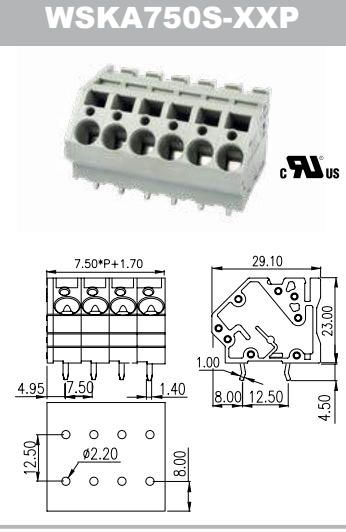
5.00mm		
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	10A	17.5A
Solid (AWG/mm²)	24~16	0.2~1.5
Flexible (AWG/mm²)	24~16	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	9~10mm	
Number of Positions		
02P, 03P		



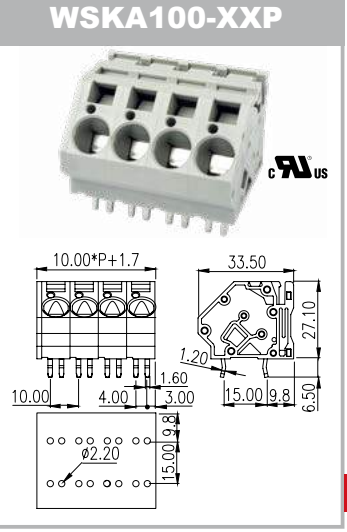
5.00mm		
Technical Data	UL	IEC
Rated voltage	300V	250V
Rated current	15A	24A
Solid (AWG/mm²)	28~12	0.5~4
Flexible (AWG/mm²)	28~12	0.5~4
Rated impulse voltage	4KV	
Wire strip length	10~11mm	
Number of Positions		
02P, 03P.....		



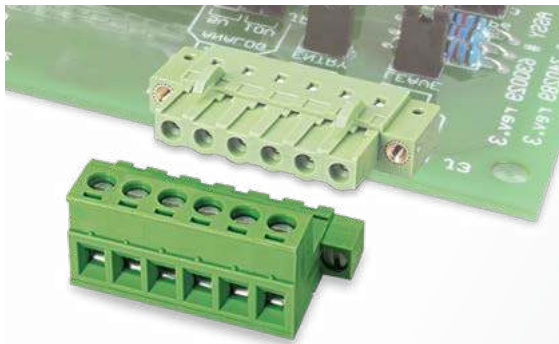
7.50mm		
Technical Data	UL	IEC
Rated voltage	300V	750V
Rated current	30A	41A
Solid (AWG/mm²)	26~10	0.5~6
Flexible (AWG/mm²)	26~10	0.5~6
Rated impulse voltage	6KV	
Wire strip length	14~15mm	
Number of Positions		
WSKA750S-XXP	02P, 03P.....	



10.00mm		
Technical Data	UL	IEC
Rated voltage	300V	450V
Rated current	57A	76A
Solid (AWG/mm²)	24~6	0.5~16
Flexible (AWG/mm²)	24~6	0.5~16
Rated impulse voltage	4KV	
Wire strip length	14~15mm	
Number of Positions		
WSKA100-XXP	02~12P	



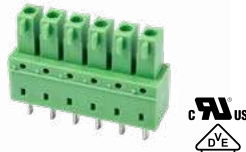
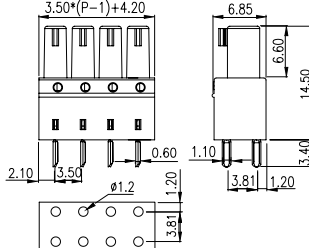
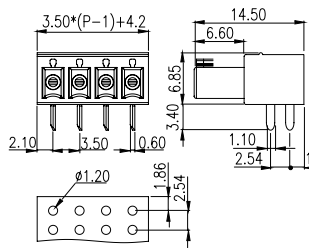
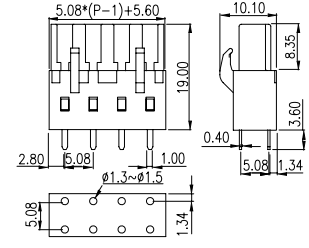
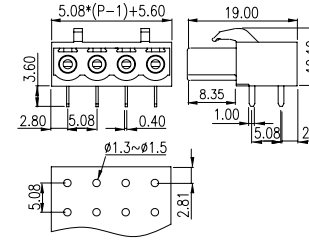
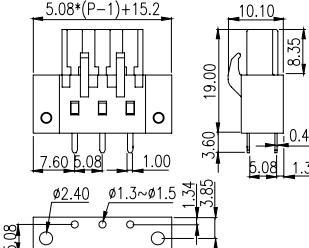
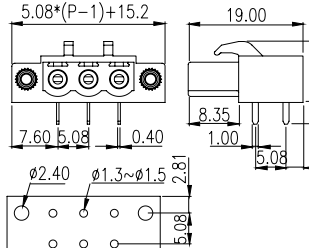
Screw connection Inverted Headers

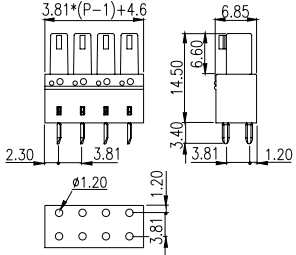
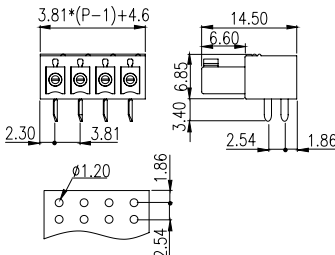
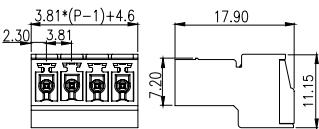
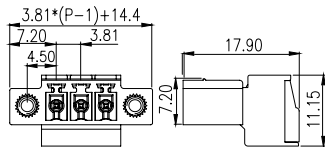
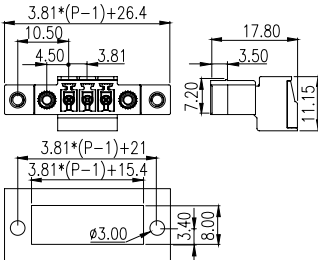
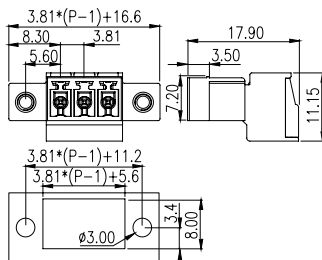
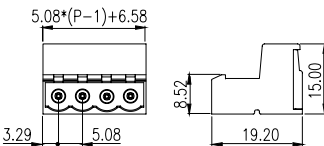
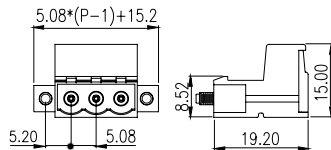


Connection method: screw connection / inverted plugs

Pitch: 3.50mm / 3.81mm / 5.08mm / 7.62mm / 10.16mm
UL Rated: 300V / 8A~600V / 51A
IEC Rated: 320V / 8A ~ 1000V / 76A

Inverted connectors and its mating parts provide PCB-to-PCB and wire-to-wire connections. It is ideal for applications that require power to be drawn from the PCB. To enhance the insertion and extraction force of the connector, it is equipped with screw flanges, which can be securely locked to the connector. Screw flanges can also be used as panel feedthroughs on the header side, providing additional stability within the unit. These connectors have been certified by UL1059

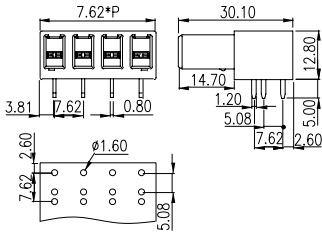
3.50mm			EC350CV-XXP		EC350CR-XXP		Socket	
Technical Data	UL	IEC					ECH350V-XXP	P69
Rated voltage	300V	320V					ECH350R-XXP	P69
Rated current	8A	8A					Please refer to the related page number for the compatible headers.	
Rated impulse voltage		2.5KV						
Number of Positions								
02~16P								
5.08mm			2ESDCV-XXP		2ESDCR-XXP		Socket	
Technical Data	UL	IEC					2EHDV-XXP	P76
Rated voltage	300V	630V					2EHDVC-XXP	P76
Rated current	15A/12A	12A					2EHDR-XXP	P76
Rated impulse voltage		4KV					2EHDRC-XXP	P76
Number of Positions							Please refer to the related page number for the compatible headers.	
2ESDCVM-XXP								
2ESDCRM-XXP								
2ESDCV-XXP								
2ESDCR-XXP								
							Socket	
2ESDCVM-XXP								
					</			

3.81mm			EC381CV-XXP		EC381CR-XXP		Socket																																																						
<table><tr><th>Technical Data</th><th>UL</th><th>IEC</th></tr><tr><td>Rated voltage</td><td>300V</td><td>320V</td></tr><tr><td>Rated current</td><td>8A</td><td>12A</td></tr><tr><td>Rated impulse voltage</td><td></td><td>2.5KV</td></tr><tr><td colspan="3">Number of Positions</td></tr><tr><td colspan="3">02~16P</td></tr></table>			Technical Data	UL	IEC	Rated voltage	300V	320V	Rated current	8A	12A	Rated impulse voltage		2.5KV	Number of Positions			02~16P			 		 		<table><tr><th>ECH381V-XXP</th><th>P71</th></tr><tr><th>ECH381R-XXP</th><th>P71</th></tr></table> Please refer to the related page number for the compatible headers.		ECH381V-XXP	P71	ECH381R-XXP	P71																															
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3.81mm			ECSH381V-XXP		ECSH381VM-XXP		Plug																																																						
<table><tr><th>Technical Data</th><th>UL</th><th>IEC</th></tr><tr><td>Rated voltage</td><td>300V</td><td>320V</td></tr><tr><td>Rated current</td><td>8A</td><td>12A</td></tr><tr><td>Solid (AWG/mm²)</td><td>30~14</td><td>0.2~1.5</td></tr><tr><td>Flexible (AWG/mm²)</td><td>30~14</td><td>0.2~1.5</td></tr><tr><td>Rated impulse voltage</td><td></td><td>2.5KV</td></tr><tr><td>Torque (N-m)</td><td></td><td>0.2</td></tr><tr><td>Screw</td><td></td><td>M2</td></tr><tr><td>Wire strip length</td><td></td><td>6~7mm</td></tr><tr><td colspan="3">Number of Positions</td></tr><tr><td colspan="3">02~24P</td></tr></table>			Technical Data	UL	IEC	Rated voltage	300V	320V	Rated current	8A	12A	Solid (AWG/mm ²)	30~14	0.2~1.5	Flexible (AWG/mm ²)	30~14	0.2~1.5	Rated impulse voltage		2.5KV	Torque (N-m)		0.2	Screw		M2	Wire strip length		6~7mm	Number of Positions			02~24P			 		 		<table><tr><th colspan="2">For ECSH381V-XXP</th></tr><tr><td>EC381CV-XXP</td><td>P122</td></tr><tr><td>EC381CR-XXP</td><td>P122</td></tr><tr><td>EC381V-XXP</td><td>P49</td></tr><tr><td>EC381R-XXP</td><td>P49</td></tr><tr><td>EC381RL-XXP</td><td>P49</td></tr><tr><td>EC381F-XXP</td><td>P50</td></tr><tr><th colspan="2">For ECSH381VM-XXP</th></tr><tr><td>EC381VM-XXP</td><td>P49</td></tr><tr><td>ECH381RM-XXP</td><td>P71</td></tr></table> Please refer to the related page number for the compatible headers.		For ECSH381V-XXP		EC381CV-XXP	P122	EC381CR-XXP	P122	EC381V-XXP	P49	EC381R-XXP	P49	EC381RL-XXP	P49	EC381F-XXP	P50	For ECSH381VM-XXP		EC381VM-XXP	P49	ECH381RM-XXP	P71
Technical Data	UL	IEC																																																											
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EC381RL-XXP	P49																																																												
EC381F-XXP	P50																																																												
For ECSH381VM-XXP																																																													
EC381VM-XXP	P49																																																												
ECH381RM-XXP	P71																																																												
3.81mm			ECSH381MK-XXP		ECSH381K-XXP																																																								
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Accessories																																																													
EHDK1	P66																																																												
5.08mm			2ESH-XXP		2ESHM-XXP		Plug																																																						
<table><tr><th>Technical Data</th><th>UL</th><th>IEC</th></tr><tr><td>Rated voltage</td><td>300V</td><td>320V</td></tr><tr><td>Rated current</td><td>15A</td><td>12A</td></tr><tr><td>Solid (AWG/mm²)</td><td>24~12</td><td>0.2~2.5</td></tr><tr><td>Flexible (AWG/mm²)</td><td>24~12</td><td>0.2~2.5</td></tr><tr><td>Rated impulse voltage</td><td></td><td>2.5KV</td></tr><tr><td>Torque (N-m)</td><td></td><td>0.6</td></tr><tr><td>Screw</td><td></td><td>M2.5</td></tr><tr><td>Wire strip length</td><td></td><td>7mm</td></tr><tr><td colspan="3">Number of Positions</td></tr><tr><td colspan="3">02~12P</td></tr><tr><td colspan="3">Accessories</td></tr><tr><td>EHDK1</td><td colspan="2">P65</td></tr></table>			Technical Data	UL	IEC	Rated voltage	300V	320V	Rated current	15A	12A	Solid (AWG/mm ²)	24~12	0.2~2.5	Flexible (AWG/mm ²)	24~12	0.2~2.5	Rated impulse voltage		2.5KV	Torque (N-m)		0.6	Screw		M2.5	Wire strip length		7mm	Number of Positions			02~12P			Accessories			EHDK1	P65		 		 		<table><tr><th colspan="2">For 2ESH-XXP</th></tr><tr><td>2ESDCV-XXP</td><td>P121</td></tr><tr><td>2ESDCR-XXP</td><td>P121</td></tr><tr><th colspan="2">For 2ESHM-XXP</th></tr><tr><td>2ESDCVM-XXP</td><td>P121</td></tr><tr><td>2ESDCRM-XXP</td><td>P121</td></tr></table> Please refer to the related page number for the compatible headers.		For 2ESH-XXP		2ESDCV-XXP	P121	2ESDCR-XXP	P121	For 2ESHM-XXP		2ESDCVM-XXP	P121	2ESDCRM-XXP	P121		
Technical Data	UL	IEC																																																											
Rated voltage	300V	320V																																																											
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2ESDCVM-XXP	P121																																																												
2ESDCRM-XXP	P121																																																												

7.62mm

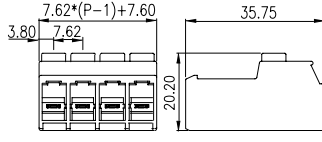
EC762CR-XXP

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	41A	41A
Rated impulse voltage		6KV
Number of Positions		
02~12P		
Accessories		
ECHK2	P66	



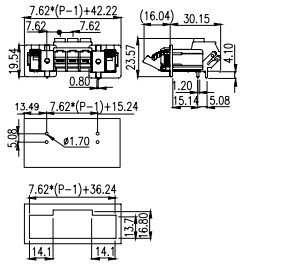
7.62mm

ECSH762V-XXP

600V

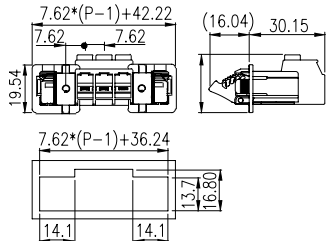
7.62mm

ECSH762SS-XXP

600V

7.62mm

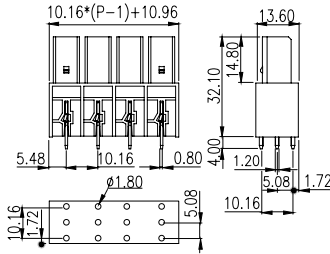
ECSH762FS-XXP

600V

10.16mm

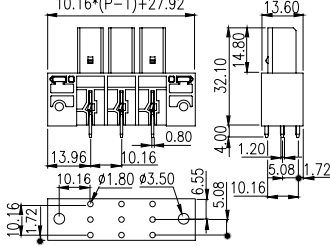
EC116CV-XXP

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	51A	76A
Rated impulse voltage		8KV
Number of Positions		
02~10P		
Accessories		
ECHK2	P66	



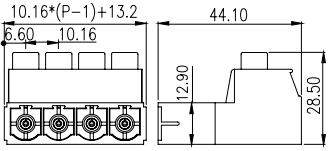
10.16mm

EC116CVM-XXP



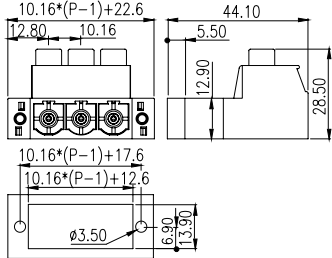
10.16mm

ECSH116V-XXP

600V

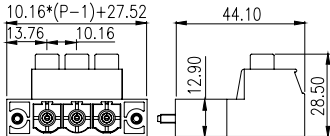
10.16mm

ECSH116K-XXP

600V

10.16mm

ECSH116VM-XXP

600V

Socket

ECH116V-XXP

P64

ECH116R-XXP

P64

ECH116L-XXP

P64

ECH116HVS-XXP

P64

ECH116HRS-XXP

P64

Please refer to the related page number for the compatible headers.

Socket

ECSH116VM-XXP

P110

Please refer to the related page number for the compatible headers.

Plug

EC116V-XXP

P64

EC116CV-XXP

P110

Please refer to the related page number for the compatible headers.

Plug

EC116CVM-XXP

P110

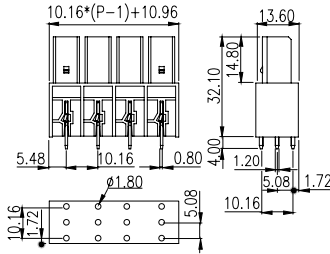
Please refer to the related page number for the compatible headers.

123

10.16mm

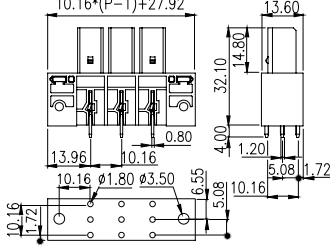
EC116CV-XXP

Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	51A	76A
Rated impulse voltage		8KV
Number of Positions		
02~10P		
Accessories		
ECHK2	P66	



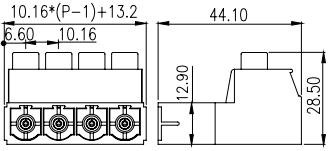
10.16mm

EC116CVM-XXP



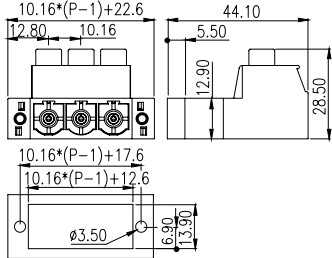
10.16mm

ECSH116V-XXP

600V

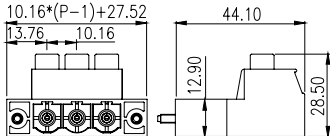
10.16mm

ECSH116K-XXP

600V

10.16mm

ECSH116VM-XXP

600V

Socket

ECH116V-XXP

P64

ECH116R-XXP

P64

ECH116L-XXP

P64

ECH116HVS-XXP

P64

ECH116HRS-XXP

P64

Please refer to the related page number for the compatible headers.

Socket

ECSH116VM-XXP

P110

Please refer to the related page number for the compatible headers.

Plug

EC116V-XXP

P64

EC116CV-XXP

P110

Please refer to the related page number for the compatible headers.

Plug

EC116CVM-XXP

P110

Please refer to the related page number for the compatible headers.

124

Pitch: 3.5mm / 5.0mm
(7.0mm & 10.0mm available on request)

- Card-edge connection on a 1.0 or 1.6mm thick PCB
- Push-in connection for quick and easy wiring
- Special indication design on each pole allows integration
- Special indication design on each pole allows integration LED on the PCB for clear signal identification
- CPC350 and 5ESDG are screw connection on a 1.6mm thick PCB

O184-11XX

Technical drawing of the O184-11XX LED module, showing a perspective view and three orthographic views (top, side, and bottom) with dimensions in millimeters.

Dimensions:

- Top View:
 - Overall width: 16.40
 - Overall height: 9.80
 - Pin pitch: 3.50
 - Pin width: 1.50
 - Pin spacing: 3.50(P-1)+4.60
 - Pin height: 2.30
- Side View:
 - Module height: 1.50
 - Pin height: 3.50
 - Pin width: 0.75
 - Pin spacing: 1.00
 - Module width: 2.00
 - Pin width: 3.00
 - Pin spacing: 11.10
 - Pin width: 11.00
- Bottom View:
 - Pin pitch: 3.50
 - Pin width: 3.50(P-1)+2.8
 - Pin spacing: 1.40
 - LED indicator: LED

Table:

Part Number	Quantity
O184-11XX	10
O184-11XX	20
O184-11XX	50
O184-11XX	100
O184-11XX	200
O184-11XX	500
O184-11XX	1000
O184-11XX	2000
O184-11XX	5000
O184-11XX	10000

5.00mm		
Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	16A	14A
Solid (AWG/mm ²)	28~12	0.2~2.5
Flexible (AWG/mm ²)	28~12	0.2~2.5
Rated impulse voltage		2.5KV
Torque (N-m)	0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
02~14P		
PCB thickness		
1.6 mm		

3.50mm		
Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	8A	8A
Solid (AWG/mm ²)	24~16	0.2~1.5
Flexible (AWG/mm ²)	24~16	0.2~1.5
Rated impulse voltage		2.5
Wire strip length	8~9mm	
Number of Positions		
16P, 18P		
PCB thickness		
1.0 mm		

5ESDG-XXP

UL US

0184-01XX

PCB Terminal Blocks For Electronic Housing Applications



Connection method: Push-in connection / screw connection

Pitch: 3.81mm / 5.00mm / 5.08mm / 9.00mm / 12.50mm

UL Rated: 150V / 8A ~ 300V / 15A

IEC Rated: 320V / 14A ~ 320V / 20A

- Versions with LED light pipe on 0171 series

- 5ESDT plug (p. 51) is the mating plug for 5EH-XXP sockets

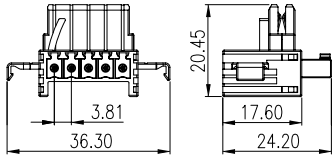
- The terminal block design aims to increase the density of connections on PCB while using as less space as possible, the terminal pins are situated at a right angle of the wire entry direction.

DIN rail connector for DIN rail mounting in 5 pole gold-plated contacts, which helps to connect the modules on the DIN rail to play the role of power and signal transmission. BST-220-05 in black housing is for output function. The connectors fit enclosures in the width of 6.2mm, 17.5mm and 22mm.

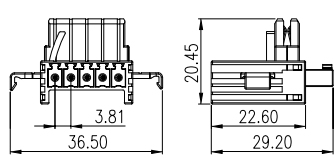
3.81mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	8A	14A
Number of Positions		
05P		
Thickness of applied enclosure		
BST-111-05	17.5 mm	
BST-112-05	22.5 mm	
BST-120-05	6.2 mm	

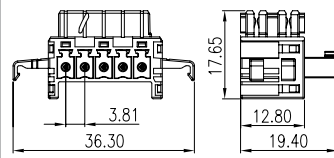
BST-111-05



BST-112-05



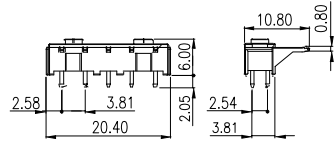
BST-120-05

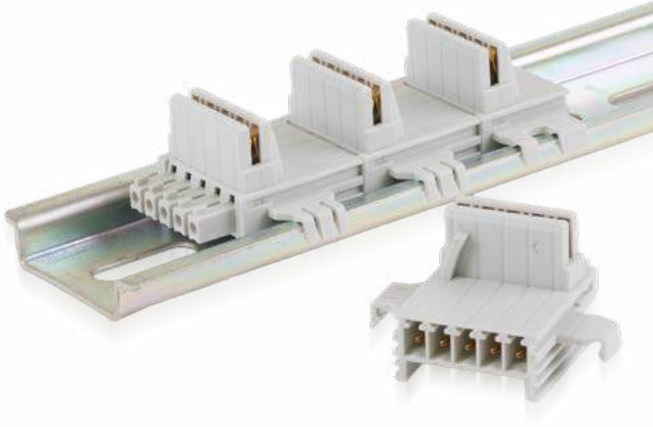


3.81mm

Technical Data	UL	IEC
Rated voltage	150V	320V
Rated current	8A	14A
Number of Positions		
05P		
Thickness of applied enclosure		
6.2 mm		

BST-220-05

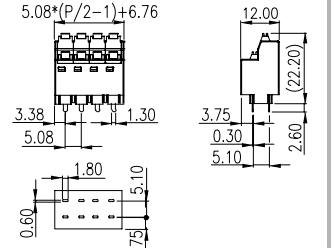




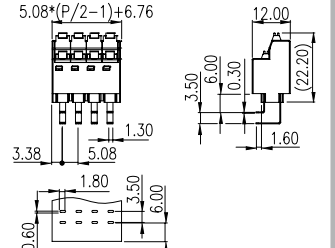
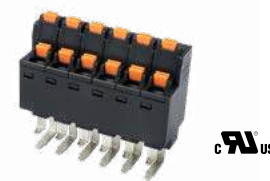
5.08mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	8A	10A
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage	4KV	
Wire strip length	8~9mm	
Number of Positions		
04~40P		

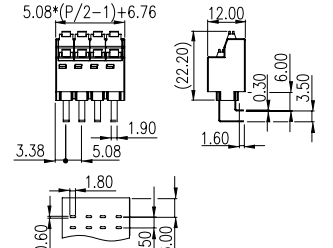
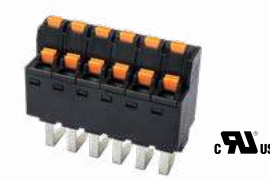
0228-21XX



0228-22XX



0228-23XX

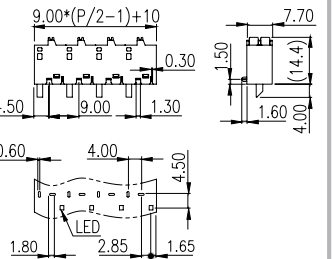
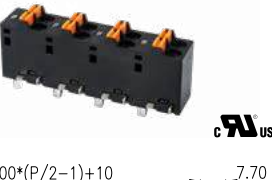


9.00mm

Technical Data	UL	IEC
Number of Positions		
0171-10XX	300V	320V
0171-11XX		
0171-60XX		
Rated current		
0171-10XX	8A	14A
0171-11XX		
0171-60XX		
Solid (AWG/mm²)	28~16	0.2~1.5
Flexible (AWG/mm²)	28~16	0.2~1.5
Rated impulse voltage		
0171-10XX	4KV	6KV
0171-11XX		
0171-60XX		
Wire strip length	7~8mm	
Number of Positions		
0171-60XX	01~04P	
0171-10XX	02~08P	
0171-11XX		

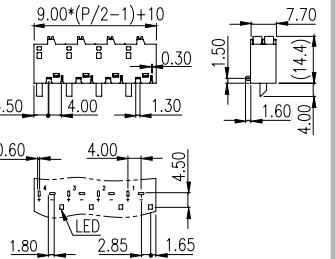
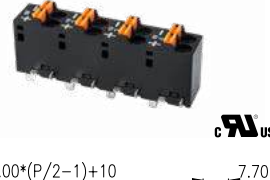
No marking

0171-10XX

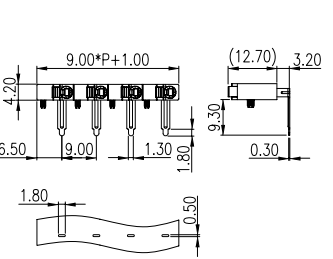


With marking

0171-11XX



0171-60XX

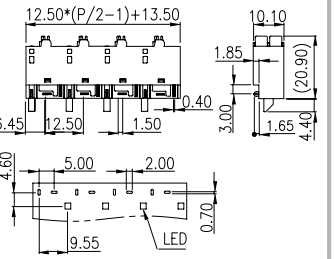


12.50mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	15A	20A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~2.5
Rated impulse voltage	4KV	
Wire strip length	9~10mm	
Number of Positions		
02~08P		

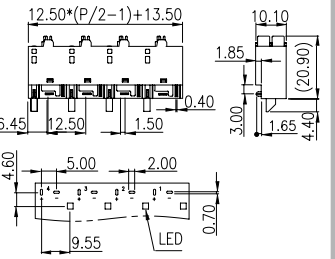
No marking

0171-20XX



With marking

0171-21XX

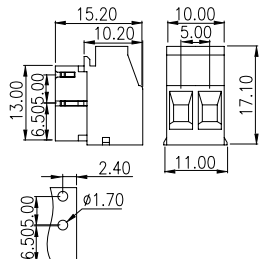




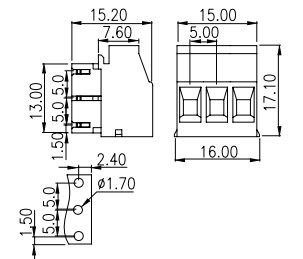
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	10A	24A
Solid (AWG/mm²)	22~14	0.2~2.5
Flexible (AWG/mm²)	22~14	0.2~2.5
Rated impulse voltage	2KV	4KV
Torque (N·m)	0.4~0.5	
Screw	M2.5	
Wire strip length	7~8mm	
Number of Positions		
5ES-2PL	02P	
5ES-2PR		
5ES-3PL	03P	
5ES-3PR		
5ES-4PL	04P	
5ES-4PR		

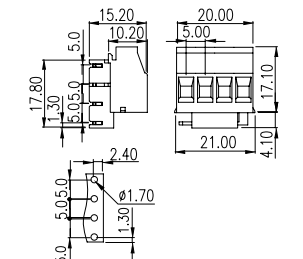
5ES-2PL



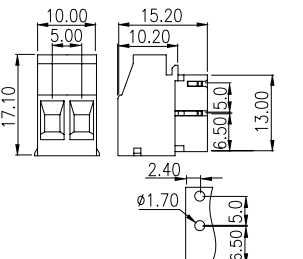
5ES-3PL



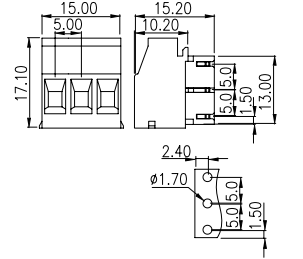
5ES-4PL



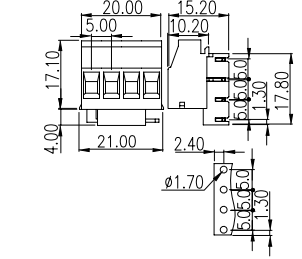
5ES-2PR



5ES-3PR



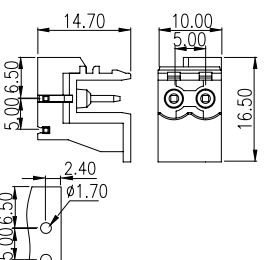
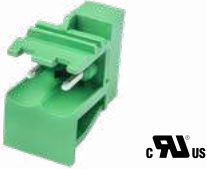
5ES-4PR



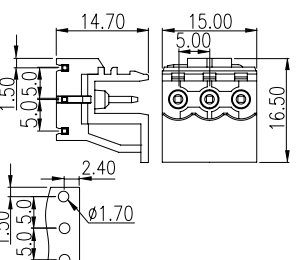
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	15A	18A
Rated impulse voltage	4KV	
Number of Positions		
5EH-2PL	02P	
5EH-2PR		
5EH-3PL	03P	
5EH-3PR		
5EH-4PL	04P	
5EH-4PR		
Accessories		
EHDK1	P66	
EHDK1L	P66	

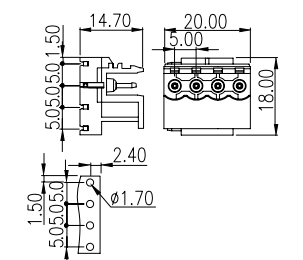
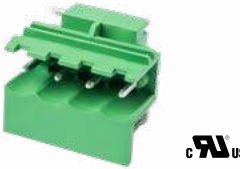
5EH-2PL
5EH-2PLL



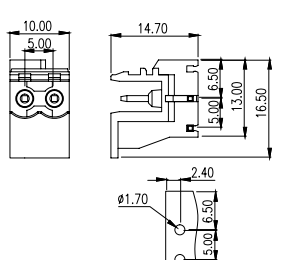
5EH-3PL
5EH-3PLL



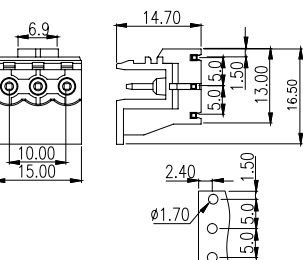
5EH-4PL
5EH-4PLL



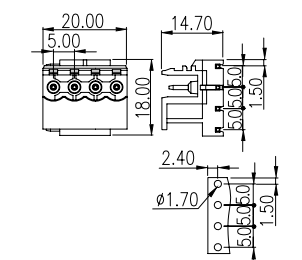
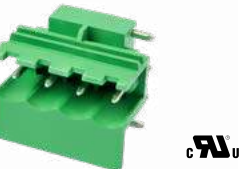
5EH-2PR
5EH-2PRL



5EH-3PR
5EH-3PRL



5EH-4PR
5EH-4PRL



5ESDT-XXP

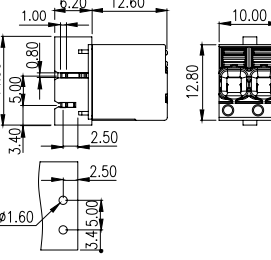


Refer to P.51

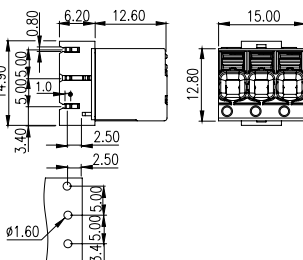
5.00mm

Technical Data	UL	IEC
Rated voltage	300V	320V
Rated current	20A	24A
Solid (AWG/mm²)	24~12	0.2~2.5
Flexible (AWG/mm²)	24~12	0.2~4
Rated impulse voltage	4KV	
Wire strip length	10~11mm	
Number of Positions		
0189-202PL	02P	
0189-202PR		
0189-212PL		
0189-212PR		
0189-203PL	03P	
0189-203PR		
0189-213PL		
0189-213PR		
0189-204PL	04P	
0189-204PR		
0189-214PL		
0189-214PR		

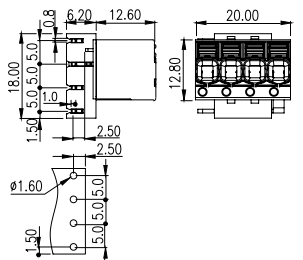
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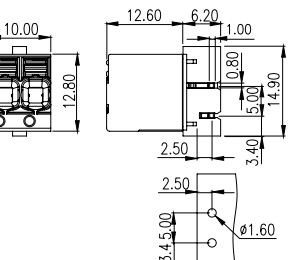
0189-203PL



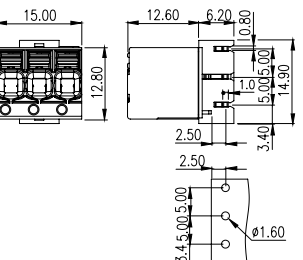
0189-204PL



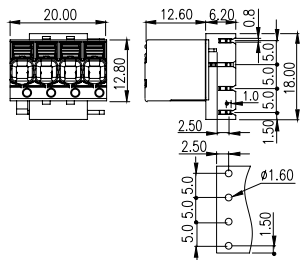
0189-202PR



0189-203PR



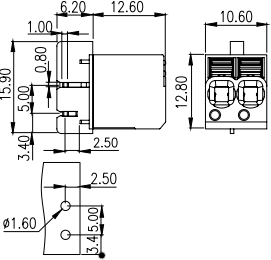
0189-204PR



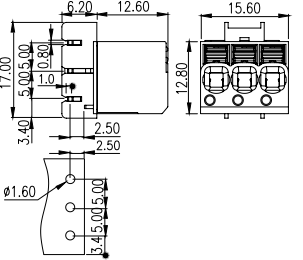
Technical Data	UL	IEC
Rated voltage	300V	1000V
Rated current	15A	18A
Solid (AWG/mm²)	30~12	0.2~4
Flexible (AWG/mm²)	30~12	0.2~2.5
Rated impulse voltage	4KV	
Wire strip length	11~12mm	
Number of Positions		
0189-25XX	02~6P	



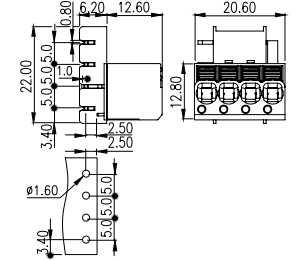
0189-212PL



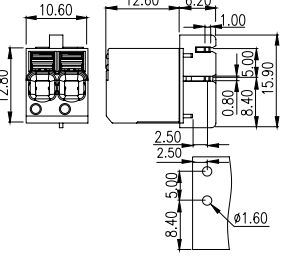
0189-213PL



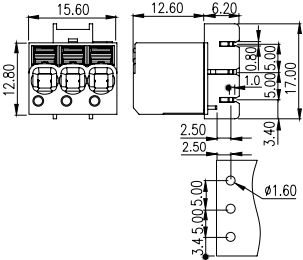
0189-214PL



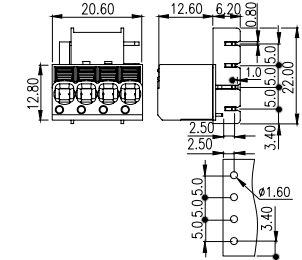
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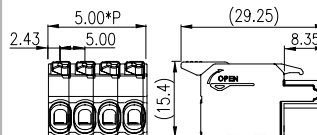
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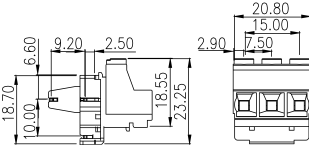
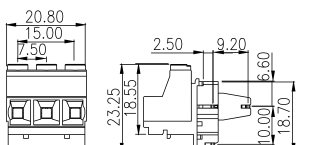
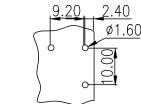
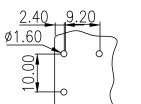


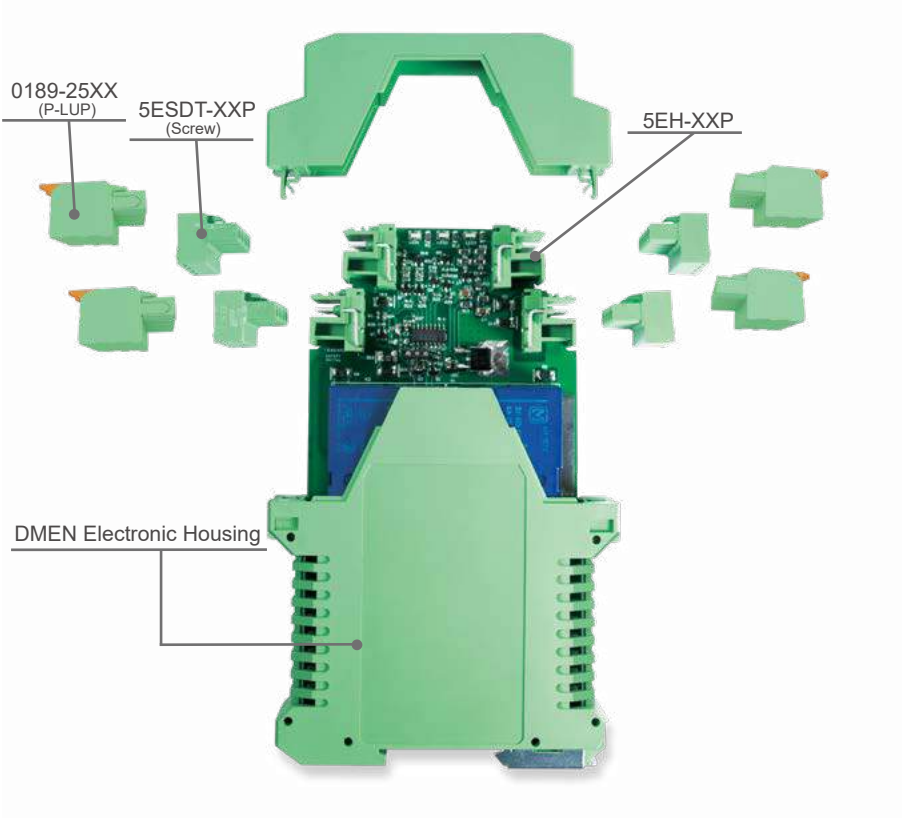
0189-214PR



0189-25XX



7.50mm			7ES-3PL		7ES-3PR	
Technical Data	UL	IEC				
Rated voltage	300V	630V				
Rated current	20A	24A				
Solid (AWG/mm²)	30~12	0.2~2.5				
Flexible (AWG/mm²)	30~12	0.2~2.5				
Rated impulse voltage		6KV				
Torque (N·m)	0.4~0.5					
Screw	M2.5					
Wire strip length	7~8mm					
Number of Positions	03P					
						

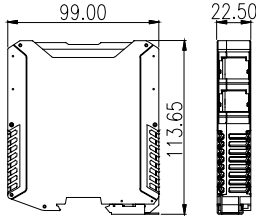
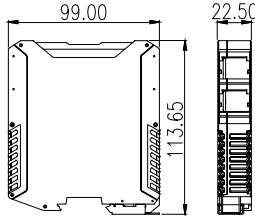
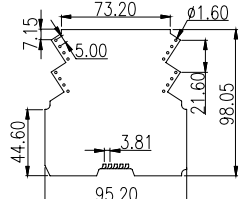
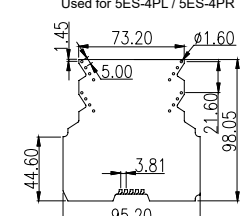
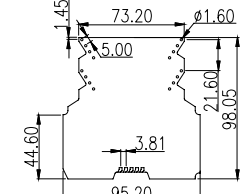
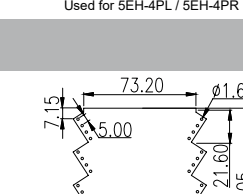


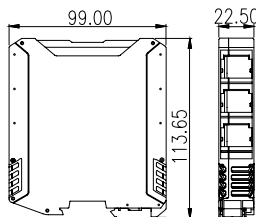
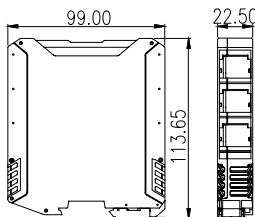
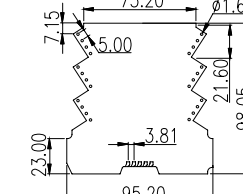
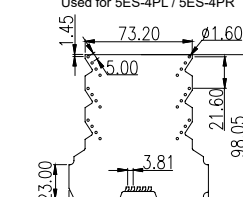
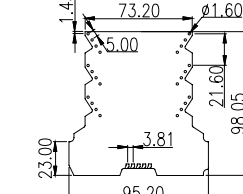
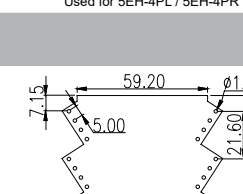
5ES and 5EH series terminal blocks are designed specifically for electronic housing DMEN type.

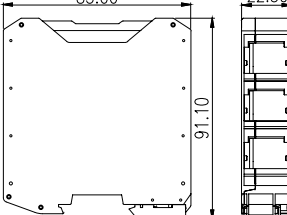
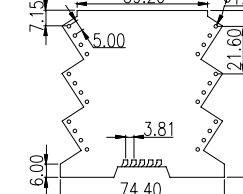
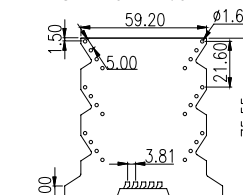
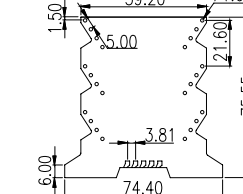
5ES series are PCB type terminal blocks, and is adopting elevated wire cage with screw connection.

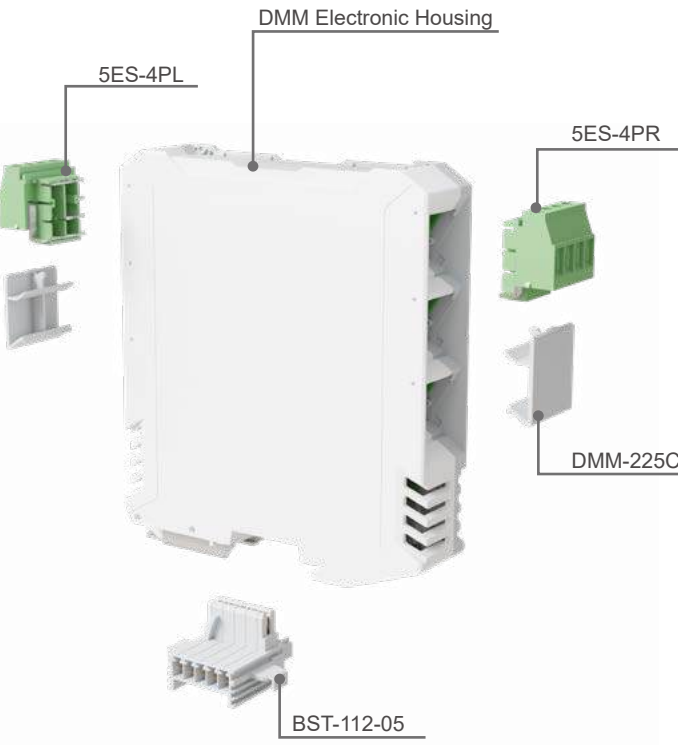
5EH series are headers(sockets) which are compatible with 5ESDT plug (P. 51).

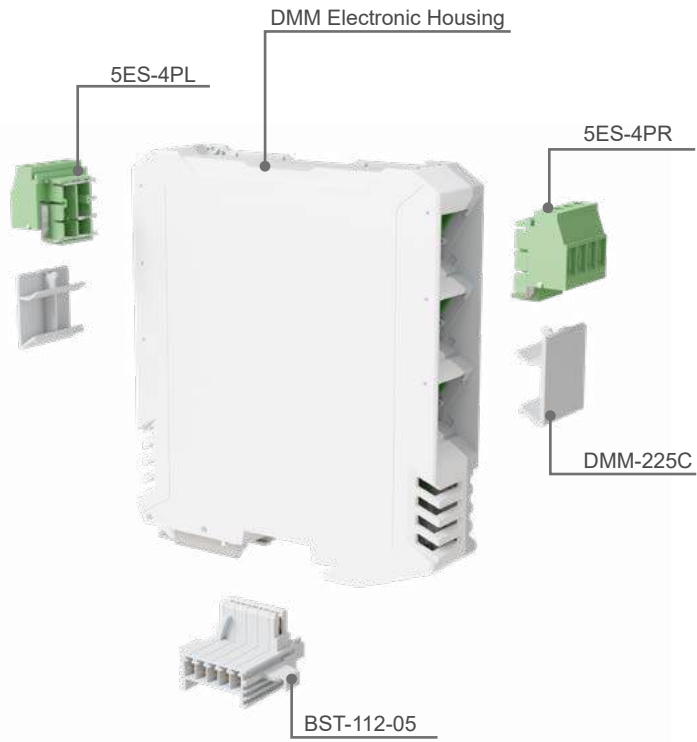
Please pay attention to identify left and right side features when using this product range. Please visit www.dinkle.com for more information on electronic housing DMEN type.

Specification		DMM-2251-22		DMM-2252-22	
Width		 		 	
DMM-2251-22	22.5mm				
DMM-2252-22					
DMM-2251-33					
DMM-2252-33					
DMM-2254-33		  Used for 5ES-4PL / 5ES-4PR   Used for 5EH-4PL / 5EH-4PR			
Accessories					
PCB Terminal block	5ES-4PL / 5ES-4PR				
Terminal block/Plug	2ESDT-04P				
Terminal block/Socket	5EH-4PL / 5EH-4PR				
Earthing Plug	0073-B001				
Blind cover	DMM-225C / DMM-TBUSC				
Bus connectors	BST-112-05				

DMM-2251-33		DMM-2252-33	
 		 	
		  Used for 5ES-4PL / 5ES-4PR   Used for 5EH-4PL / 5EH-4PR	

DMM-2254-33	
 	
  Used for 5ES-4PL / 5ES-4PR   Used for 5EH-4PL / 5EH-4PR	

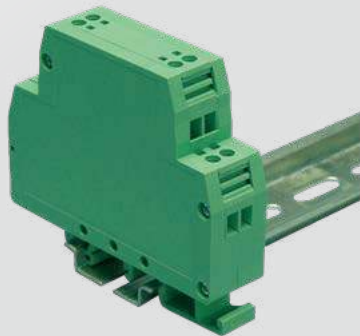
 DMM Electronic Housing 5ES-4PL 5ES-4PR DMM-225C BST-112-05

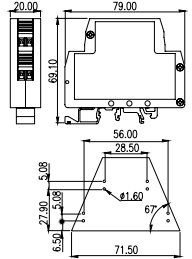
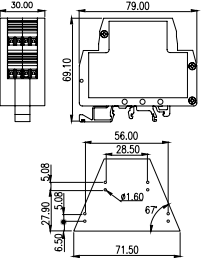
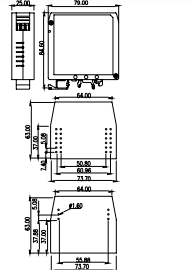
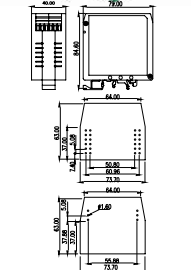
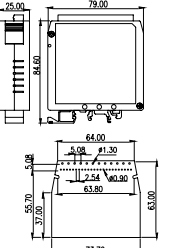


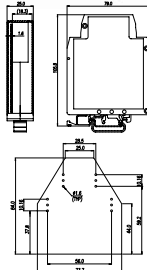
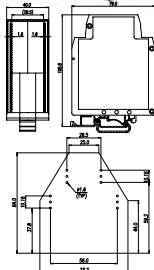
DEG / DMEN

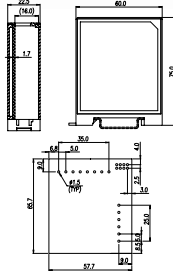
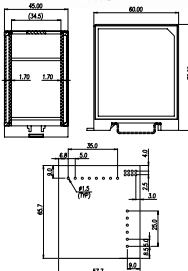
Electronic Housing

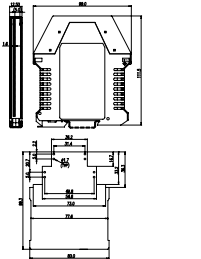
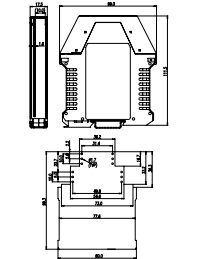
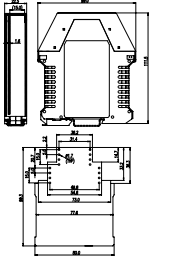
- Electronic housings are supplied with high effective components, which is suitable for system integration.
- Various dimensions for customers' options:
Width of DEG series:20mm, 22.5mm, 25mm, 30mm, 40mm, 45mm
Width of DMEN series:12.5mm, 17.5mm, 22.5mm, 35mm
Width of DMM series:22.5mm
- All the electronic housings are produced by engineering insulation PA materials which feature low flammability and qualified insulation levels that meet UL and IEC standards.

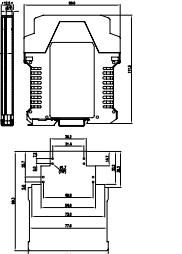
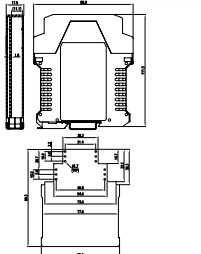
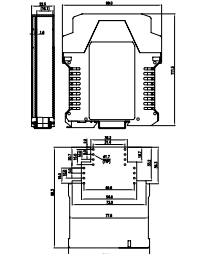
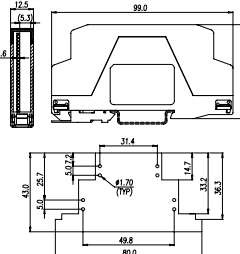


Specification	DEG-02P	DEG-04P	
Rated voltage	500V		
Rated current	10A		
Solid (AWG/mm²)	24~12		
Torque (N-m)	0.4		
Width			
DEG-02P	20mm		
DEG-04P	30mm		
Accessories			
Termunal block/Plug	DEG-TB2P		
	 	 	
Specification	DEGM-03P	DEGM-06P	
Technical Data	UL	IEC	
Rated voltage	300V	500V	
Rated current	12A	16A	
Solid (AWG/mm²)	24~12	0.2~2.5	
Flexible (AWG/mm²)	24~12	0.2~2.5	
Rated impulse voltage		4KV	
Torque (N-m)	0.4		
Width			
DEGM-03P	25mm		
DEGM-06P	40mm		
Accessories			
Termunal block/Plug	DEGM-TB3P		
	 	 	
Specification	DEGM-12P		
Rated voltage	250V		
Rated current	12A		
Width			
DEGM-12P	25mm		
Accessories			
Termunal block/Plug	2EHDR-4375		
Termunal block/Socket	2ESDV-12P		
	 		

Specification		DEGH-03P		DEGH-06P	
Rated voltage	500V				
Rated current	10A				
Solid (AWG/mm²)	24~12				
Torque (N-m)	0.4				
Width					
DEGH-03P	25mm				
DEGH-06P	40mm				
Accessories					
Termunal block/Plug	DEGH-TB3P				

Specification		DMUG-22		DMUG-45	
Rated voltage	250A				
Rated current	15A				
Width					
DMUG-22	22.5mm				
DMUG-45	40mm				
Accessories					
Termunal block/Plug	5EHDR-06P/08P				
Termunal block/Socket	5ESDV-06P/08P				

Specification		DMEN-S2P		DMEN-S3P		DMEN-S4P	
Rated voltage	250V						
Rated current	12A						
Solid (AWG/mm²)	28~12						
Torque (N-m)	0.4						
Width							
DMEN-S2P	12.5mm						
DMEN-S3P	17.5mm						
DMEN-S4P	22.5mm						
DMEN-T2P	12.5mm						
DMEN-T3P	17.5mm						
DMEN-T4P	22.5mm						
DMES-T2P	12.5mm						
DEGM-12P	25mm						
Accessories							
Earthing Plug	0073-B001						

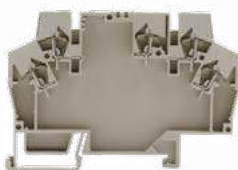
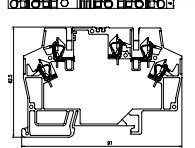
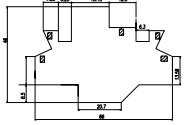
DMEN-T2P		DMEN-T3P		DMEN-T4P		DMES-T2P	
							
							

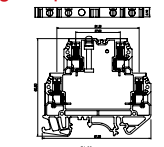
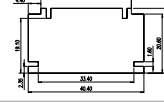
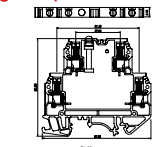
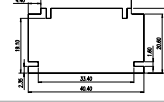
*NO Earthing Plug

Component Housing

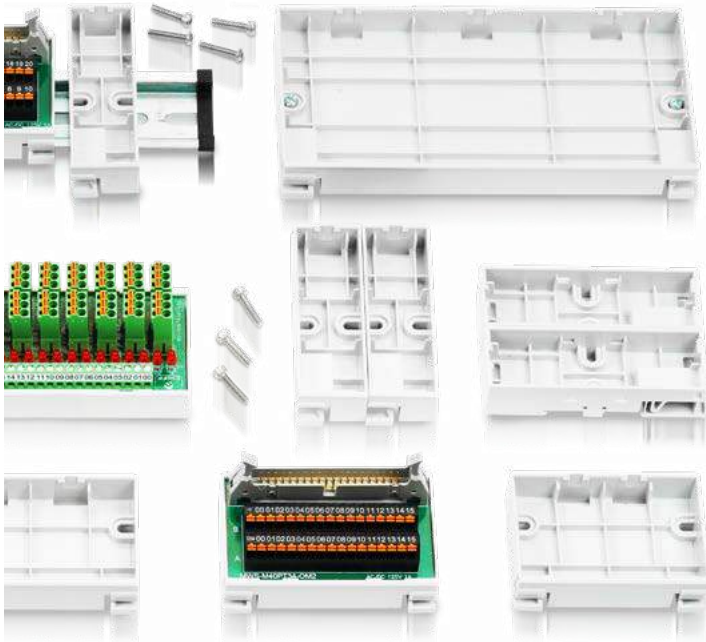
- DMER series housing is designed for DIN Rail installation with an external thickness of 6.0~6.2 mm, internal thickness at 4.1~5.2mm and large internal space which is suitable for various components assembly requirement.
- The housings feature a compact structure which allows large PCB to be installed in the limited space
- UL 94-V0 PA material for exceptional insulation and protection in application.
- Screw connection, spring clamp connection and push-in connection terminal block are available for options.



Specification		DMER-10	
Width		  	
6			
Accessories			
End cover	DMER-10C		

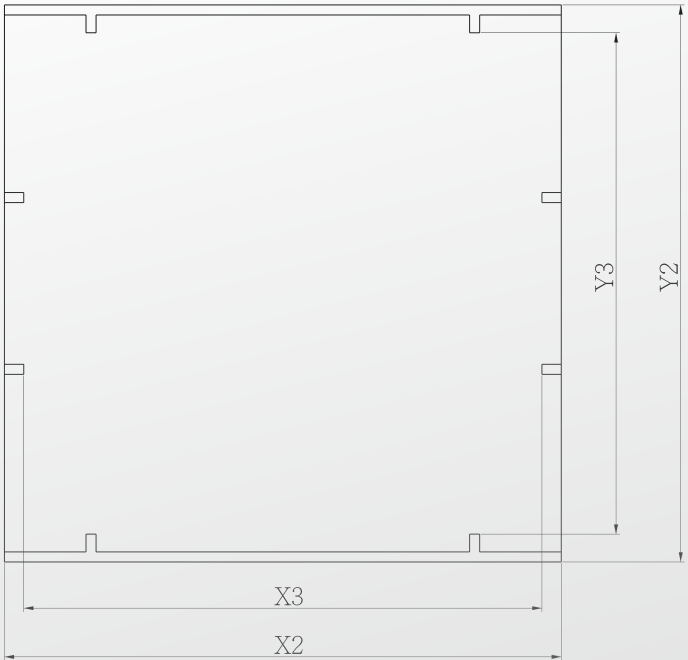
Specification		DMER-41	
Technical Data	UL	  	
Rated voltage	300V		
Rated current	20A		
Solid (AWG/mm²)	24~12	*With Light Pipe	
Flexible (AWG/mm²)	24~12		
Torque (N-m)	0.4		
Width		  	
6.1			
Accessories			
End cover	DMERC		

PCB Carrier
DIN Rail/ Panel Mounting



Product advantages

- Flammability rating: UL94-V2
- Available in three commonly used widths, one-piece molding, beautiful and convenient, with strong stability.
- Each set of module racks is designed with reserved holes for panel locking, and can be used regardless of track installation without plate fixation.
- The bottom track slot is suitable for TS-35 and TS-35/15 standard DIN tracks.
- The 0040-03 series has a width of 107mm. The specially designed side wall can be installed with a label card slot, which is suitable for DINKLE TM-R110 signs.



Part No.	PCB Dimensions		PCB effective dimensions	
	Y2 (mm)	X2 (mm)	Y3 (mm)	X3 (mm)
0040-0108E	42	35	33.9	34
0040-0105E	42	46.8	32.4	45.8
0040-0101E	42	57.5	33.9	56.5
0040-0106E	42	64.8	33.9	63.8
0040-0107E	42	72.8	33.9	71.8
0040-0102E	42	108	33.9	107
0040-0103E	42	140	33.9	139
0040-0104E	42	208	33.9	207
0040-0212E	72	22	64.9	17
0040-0213E	72	32	64.9	27
0040-0214E	72	42	64.9	37
0040-0215E	72	52	64.9	47
0040-0216E	72	62	64.9	57
0040-0217E	72	72	64.9	67
0040-0218E	72	82	64.9	77
0040-0219E	72	92	64.9	87
0040-0220E	72	102	64.9	97
0040-0221E	72	112	64.9	107
0040-0222E	72	122	64.9	117
0040-0223E	72	152	64.9	147
0040-0224E	72	172	64.9	167
0040-0225E	72	202	64.9	197
0040-0226E	72	222	64.9	217
0040-0227E	72	252	64.9	247
0040-0228E	72	272	64.9	267
0040-0229E	72	302	64.9	297
0040-0301E	107	25	99	19
0040-0302E	107	35	99	29
0040-0303E	107	50	99	44
0040-0305E	107	75	99	69
0040-0308E	107	100	99	94
0040-0311E	107	125	99	119
0040-0314E	107	150	99	144
0040-0316E	107	175	99	169
0040-0318E	107	200	99	194
0040-0320E	107	225	99	219
0040-0322E	107	250	99	244
0040-0324E	107	275	99	269
0040-0326E	107	300	99	294

Panel Feed-through Terminal Blocks



Solutions for many industrial applications: for wall thicknesses from 1 mm to 6 mm, currents up to 230A, voltages up to 630V (IEC).

Cross section: 4~95mm²
UL Rated: 300V / 30A ~ 600V / 230A
IEC Rated: 400V / 41A ~ 800V / 150A

PPAC series terminal blocks are particularly useful in the field of telecommunications and power distribution. The product range also supports electrical equipment manufacturers of filters, converters, inverters, transformers, power supplies and industrial batteries.

Specification

Technical Data	UL	IEC		
Rated voltage	300V	400V		
Rated current	30A	41A		
Wire range (AWG/mm²)	30~10	0.2~6		
Rated impulse voltage		6KV		
Torque (N-m)		0.5~0.6		
Screw		M3		
Wire strip length		9~10mm		
Insulating material		PA		
Outer dimension	T x H x W (mm)			
PPACN-4	8.1 x 21 x 20			
PPACNV-4	8.1 x 21 x 24.5			
Inner dimension	T x H x W (mm)			
PPACN-4	8.1 x 21 x 15			
PPACNV-4	8.1 x 21 x 15			
Marking label	TM44			
Voltage on metal panel: 1.0~2.5mm 400V 2.5~4.0mm 320V				
Voltage on plastic panel: 500V				

PPACN-4

PPACNV-4

Specification

Technical Data	UL	IEC		
Rated voltage	300V	400V		
Rated current	65A	76A		
Wire range (AWG/mm²)	24~6	0.5~16		
Rated impulse voltage		6KV		
Torque (N-m)		1.5~1.7		
Screw		M4		
Wire strip length		10~11mm		
Insulating material		PA		
Outer dimension	T x H x W (mm)			
PPACN-10	10.1 x 31 x 24.5			
PPACN-10Z	10.1 x 31 x 24.5			
PPACN-10AS	10.1 x 31 x 24.5			
Inner dimension	T x H x W (mm)			
PPACN-10	10.1 x 28.5 x 18			
PPACN-10Z	10.1 x 28.5 x 18			
Marking label	TM44			
Voltage on metal panel: 1~2.5mm 500V 2.5~4mm 320V				
Voltage on plastic panel: 500V				

PPACN-10

PPACN-10Z

PPACN-10AS

Plastic panel:1~4mm: 400V

Specification

Technical Data	UL	IEC		
Rated voltage	600V	500V		
Rated current	85A	101A		
Wire range (AWG/mm²)	22~4	0.5~25		
Rated impulse voltage		6KV		
Torque (N-m)		2.5~3.4		
Screw		M5		
Wire strip length		16~17mm		
Insulating material		PA		
Outer dimension	T x H x W (mm)			
PPAC-16	12.1 x 40 x 34.6			
PPAC-16AS	12.1 x 40 x 34.6			
PPACV-16	12.1 x 39.7 x 38.1			
PPACV-16AS	12.1 x 39.7 x 38.1			
Inner dimension	T x H x W (mm)			
PPAC-16	12.1 x 38.1 x 28.9			
PPAC-16AS	12.1 x 26 x 25.4			
PPACV-16	12.1 x 38.1 x 28.9			
PPACV-16AS	10.1 x 25 x 16.9			
Marking label	TM49			
Voltage on Metal panel: 1~2mm 800V 2~3mm 630V 3~6mm 500V				
Voltage on Plastic panel: 800V				

PPAC-16

PPAC-16AS

Plastic panel:1~6mm: 400V

PPACV-16AS

Plastic panel:1~6mm: 400V
UL:300V

Specification

Technical Data	UL	IEC		
Rated voltage	600V	800V		
Rated current	115A	125A		
Wire range (AWG/mm²)	8~2	6~35		
Rated impulse voltage		6KV		
Torque (N-m)		3.4~3.9		
Screw		M5		
Wire strip length		19~20mm		
Insulating material		PA		
Outer dimension	T x H x W (mm)			
PPAC-25	15.1 x 48.5 x 38.5			
PPAC-25AS	15.1 x 48.5 x 38.5			
PPAC-25MAS	15.1 x 71 x 38.5			
Inner dimension	T x H x W (mm)			
PPAC-25	15.1 x 45 x 30			
PPAC-25AS	15.1 x 33.3 x 27.5			
PPAC-25MAS	15.1 x 33.3 x 27.5			
Marking label	TM49			
Voltage on metal panel: 1~5mm 800V 5~6mm 630V				
Voltage on plastic panel: 800V				

PPAC-25

PPAC-25AS

Plastic panel:1~6mm: 400V

Specification

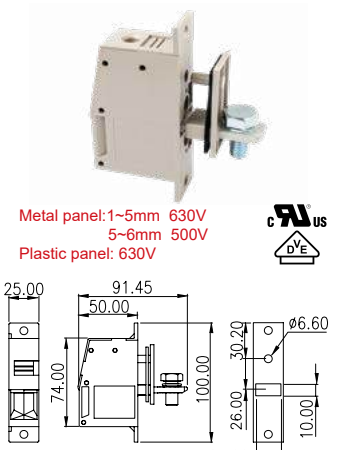
Technical Data	UL	IEC		
Rated voltage	600V	800V		
Rated current	150A	150A		
Wire range (AWG/mm²)	6~1/0	16~50		
Rated impulse voltage		8KV		
Torque (N-m)		5.9~6		
Screw		M6		
Wire strip length		24~25mm		
Insulating material		PA		
Outer dimension	T x H x W (mm)			
PPAC-50	18.8 x 54 x 43			
PPAC-50AS	18.8 x 54 x 43			
PPAC-50M	18.8 x 78 x 43			
Inner dimension	T x H x W (mm)			
PPAC-50	18.8 x 55 x 35			
PPAC-50AS	18.8 x 37 x 33.9			
PPAC-50M	18.8 x 55 x 35			
Marking label	TM49			
Voltage on metal panel: 1~5mm 800V 5~6mm 630V				
Voltage on plastic panel: 800V				

PPAC-50

PPAC-50AS

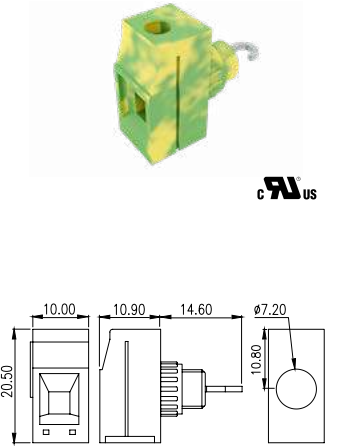
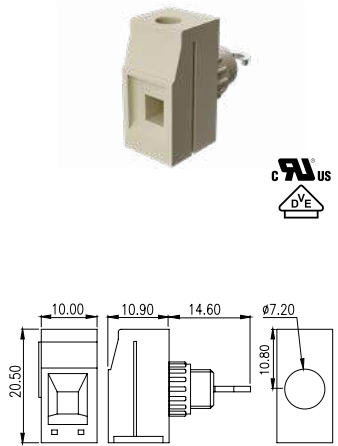
Plastic panel:1~6mm: 400V

Specification			PPAC-95		PPAC-95MAS					
Technical Data	UL	IEC								
Rated voltage	600V	630V								
Rated current	230A	232A								
Wire range (AWG/mm ²)	4~4/0	25~95								
Rated impulse voltage		8KV								
Torque (N-m)	14.7~15									
Screw	M8									
Wire strip length	27~28mm									
Insulating material	PA									
Outer dimension	T x H x W (mm)									
PPAC-95	25 x 74 x 50									
PPAC-95MAS	25 x 100 x 50									
Inner dimension	T x H x W (mm)									
PPAC-95	25 x 74 x 45									
PPAC-95MAS	25 x 50 x 40.5									
Marking label	TM49									
Voltage on metal panel:	1~2.5mm 1000V 2.5~5mm 800V 5~6mm 630V									
Voltage on plastic panel:	1000V									



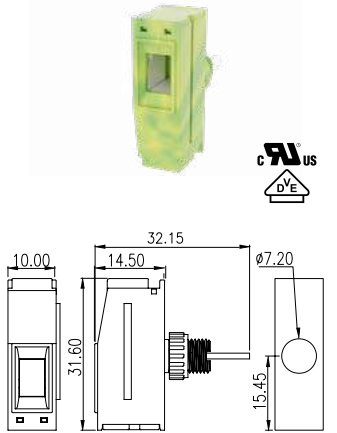
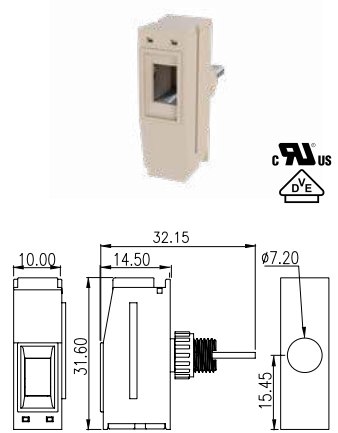
Technical Data	UL	IEC
Rated voltage	300V	400V
Rated current	30A	41A
Wire range (AWG/mm²)	30~10	0.2~6
Rated impulse voltage		6kV
Torque (N·m)	0.5~0.8	
Screw	M3	
Wire strip length	9~10mm	
Insulating material	PA	
T x H x W (mm)		
PPAC-4SS	10 x 20.5 x 25.5	
PPAC-4SSG	10 x 20.5 x 25.5	

Voltage on metal panel: 1~3mm 400V
Voltage on plastic panel: 1~3mm 500V
3.5~4.0mm 400V



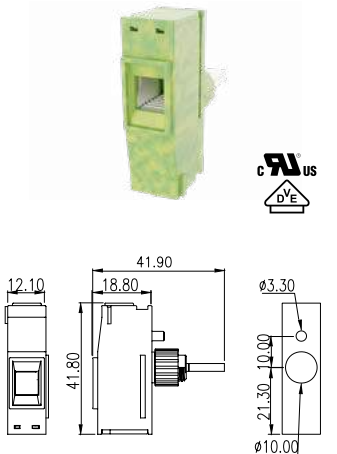
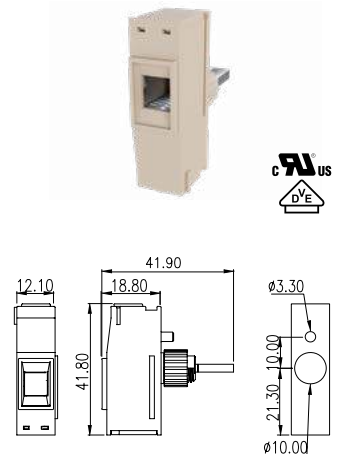
Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	65A	57A
Wire range (AWG/mm²)	22~6	0.2~10
Rated impulse voltage		6kV
Torque (N·m)	1.2~1.5	
Screw	M4	
Wire strip length	11~12	
Insulating material	PA	
T x H x W (mm)		
PPAC-10SS	10 x 31.6 x 32.15	
PPAC-10SSG	10 x 31.6 x 32.15	

Voltage on thickness: 1~2mm 630V
2.1~3mm 500V
3.1~4mm 400V

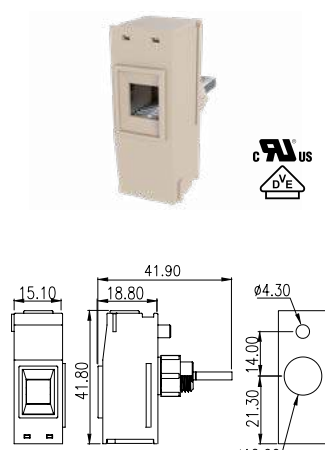


Technical Data	UL	IEC
Rated voltage	300V	630V
Rated current	85A	76A
Wire range (AWG/mm²)	22~4	0.2~16
Rated impulse voltage		6kV
Torque (N·m)	2.7~2.8	
Screw	M5	
Wire strip length	14~15	
Insulating material	PA	
T x H x W (mm)		
PPAC-16SS	12.1 x 41.8 x 41.9	
PPAC-16SSG	12.1 x 41.8 x 41.9	

Voltage on thickness: 1~2mm 800V
2.1~4mm 630V



Specification			PPAC-25SS					
Technical Data	UL	IEC						
Rated voltage	300V	800V						
Rated current	85A	101A						
Wire range (AWG/mm ²)	22~4	0.2~25						
Rated impulse voltage		8kV						
Torque (N·m)	2~2.5							
Screw	M5							
Wire strip length	14~15							
Insulating material	PA							
T x H x W (mm)								
PPAC-4SS	10 x 20.5 x 25.5							
Voltage on thickness: 1~3mm 800V 3.1~5mm 630V								

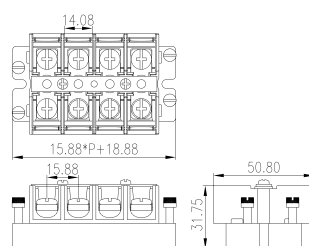


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Technical Data	UL	IEC
Rated voltage	300V	800V
Rated current	60A	76A
Wire range (AWG/mm ²)	22~6	0.34~16
Rated impulse voltage		8kV
Torque (N·m)	2~2.5	
Wire strip length	13~14	
Number of Positions		
02~08P		



Barrier type terminal blocks

Barrier type terminal blocks are screw connection electrical connectors that connect multiple circuits to one another. Clamp the wire to the metal part with the locking screw. Each wiring structure is separated by the insulation barrier.

Barrier terminal blocks are designed for electrical applications and can be fitted with a transparent safety cover. When using, it should be noted that the wires do not exceed the barriers, which can prevent electrical short-circuits between positions on the same contact and between adjacent components.

The design generally is supplied in 5 categories: double-barrier, triple-barrier, triple-barrier in double levels, pluggable type and panel feed-through. Each type of barrier is available in a variety of industry standard centerline spacings, which allowing you to choose from high density to high current applications. Double and triple barriers are very similar in that they can both be used in PCB or panel mount applications.



Double-barrier, single row

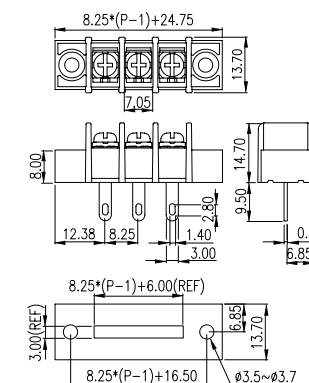


The double barrier in single row terminal blocks offer pitches from 7.62mm~16mm and options of various terminal pin designs that are suitable for voltage ratings 150V/15A~600V/65A.

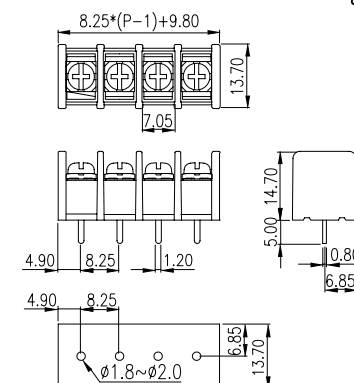
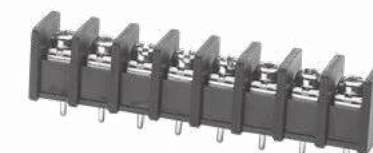
The product range provide a wide variety of screw, terminal and mounting options, fitting a multitude of applications.

8.25mm

Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V/150V	300V
Rated current	20A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N·m)	0.5~1.4	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
	Number of Positions	
DT-35-A02W-XX	02~31P	
DT-35-B01W-XX	02~33P	



DT-35-A02W-XX

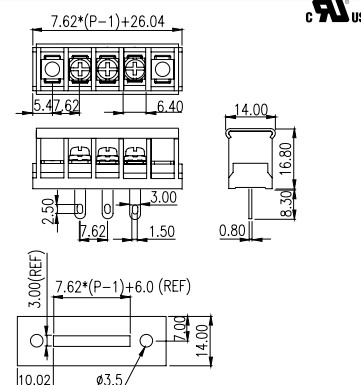
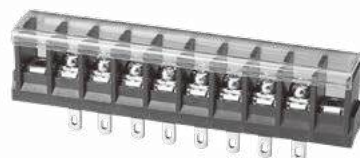


DT-35-B01W-XX

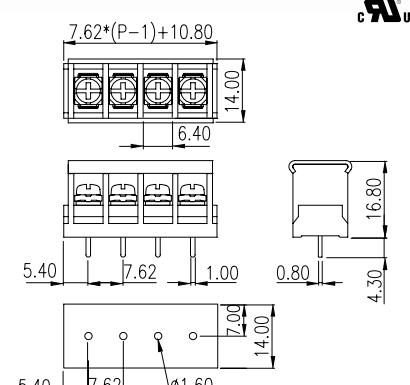
7.62mm

Technical Data	UL
UL use group	B
Rated voltage	300V
Rated current	15A
Wire range (AWG)	24-14
Withstand voltage	AC2000V / 1 minute
Insulation resistance	≥1000MΩ / DC 500V
Housing	PBT, UL94-V0, black
Terminal	Brass, Tin plated
Screw	M3, Steel, Ni plated
Torque value (N-m)	0.8
Operating temperature	-40°C ~ +130°C
Wiring type	FW2
Number of Positions	
DT-2G-A02W-XX	02~26P
DT-2G-B01W-XX	
DT-2G-B14W-XX	02~28P

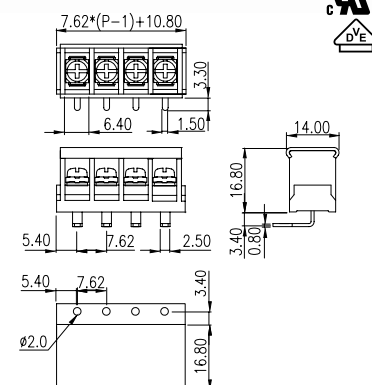
DT-2G-A02W-XX



DT-2G-B01W-XX



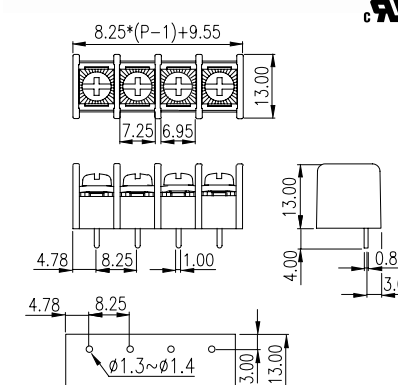
DT-2G-B14W-XX



8.25mm

Technical Data	UL	
UL use group	B / C	D
Rated voltage	300V / 150V	300V
Rated current	20A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	#6-32, Steel, Ni plated	
Torque value (N-m)	1	
Operating temperature	-40°C ~ +105°C	
Wiring type	FW2	
Number of Positions		
02~30P		

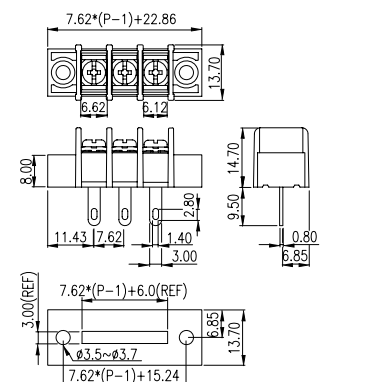
DT-31-B01W-XX



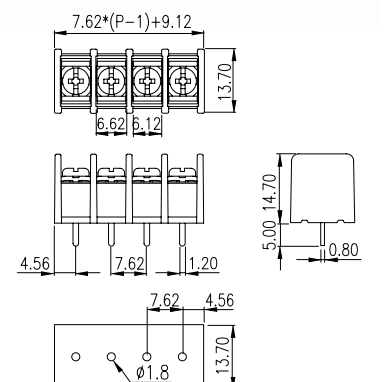
7.62mm

Technical Data	UL	
UL use group	B / C	D
Rated voltage	300V / 150V	300V
Rated current	15A	15A
Wire range (AWG)	22~14	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N·m)	0.5~1.4	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
DT-25-A02W-XX	02~31P	
DT-25-B01W-XX		
DT-25-B07W-XX	02~33P	
DT-25-B14W-XX		

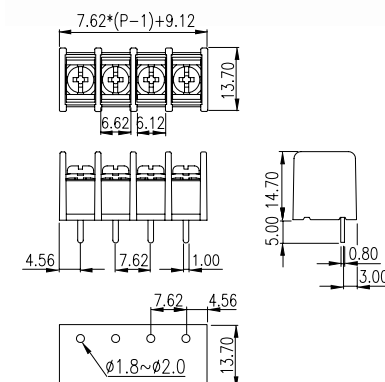
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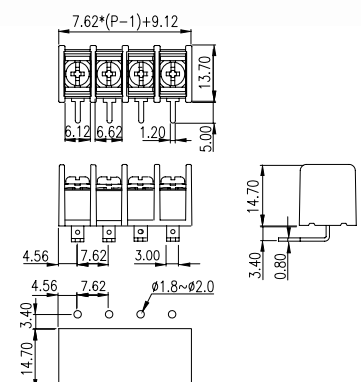
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DT-25-B07W-XX



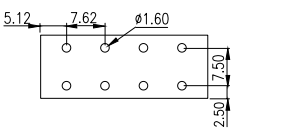
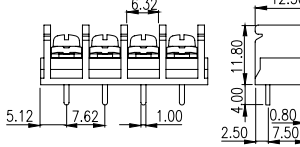
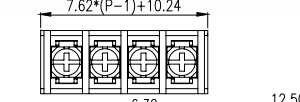
DT-25-B14W-XX



7.62mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	10A	10A
Wire range (AWG)	22~16	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT(G15), black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N-m)	0.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~11P		

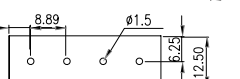
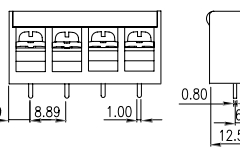
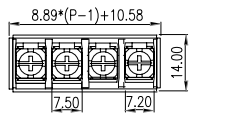
0186-10XX



8.89mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	15A	15A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	0.8~1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~17P		

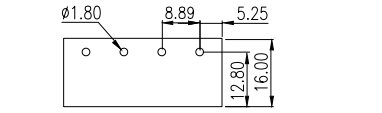
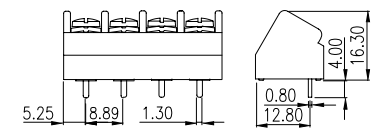
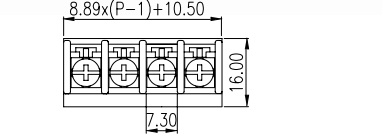
DT-3C-B01W-XX



8.89mm

Technical Data	UL	
UL use group	B / C	D
Rated voltage	300V / 150V	300V
Rated current	15A	10A
Wire range (AWG)	22~14	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, blue	
Terminal	Brass, Tin plated	
Screw	M3, Brass, Ni plated	
Torque value (N-m)	0.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~26P		

DT-89-B01W-XX

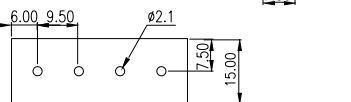
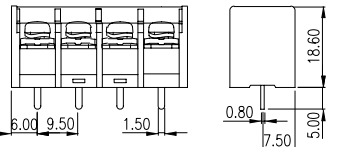
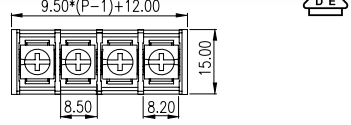


9.5mm

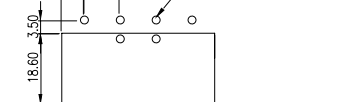
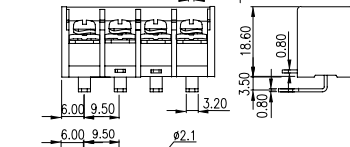
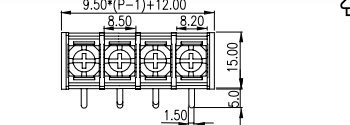
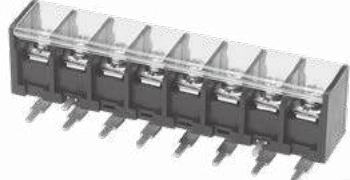
Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	20A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	1.1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~25P		

* UG:C Class 300V 20A

DT-4C-B01W-XX



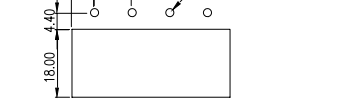
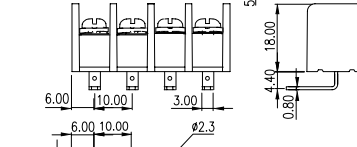
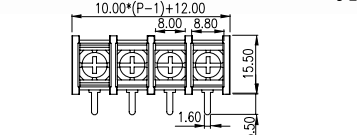
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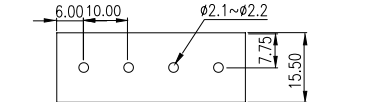
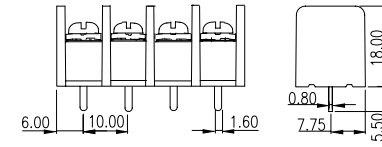
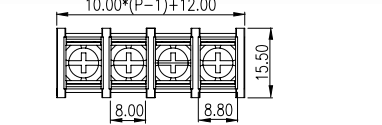
10.00mm

Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V/150V	300V
Rated current	25A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Brass, Ni plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
02~30P		

DT-55-B14W-XX



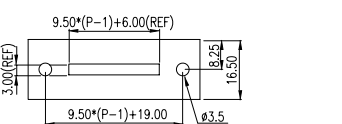
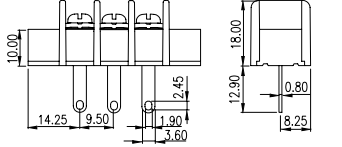
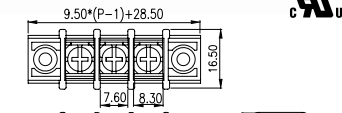
DT-55-B01W-XX



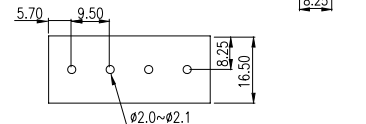
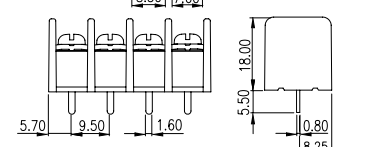
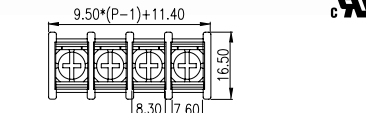
9.5mm

Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V/150V	300V
Rated current	25A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	1.4	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
DT-45-A02W-XX 02~28P		
DT-45-B01W-XX 02~30P		

DT-45-A02W-XX



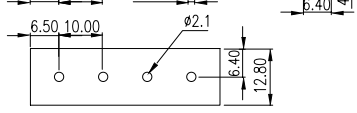
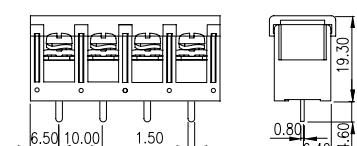
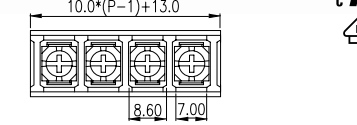
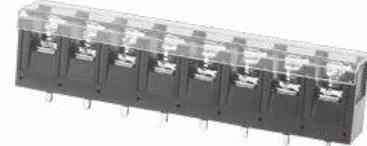
DT-45-B01W-XX



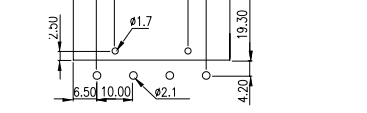
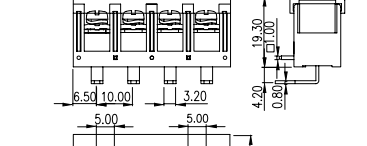
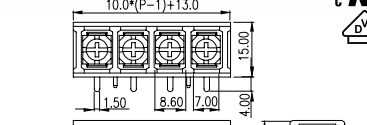
10.00mm

Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V	300V
Rated current	20A	10A
Wire range (AWG)	22~14	
Withstand voltage	AC2200V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	1.1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~30P		

DT-5C-B81W-XX



DT-5C-B84W-XX



16.00mm

0032-11XX

600V

Technical Data

UL

UL use group	B/C	B/C
Rated voltage	600V	600V
Rated current	50A	80A
Wire range (AWG)	14~8	6~4
Withstand voltage	AC3000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M6, Steel, Ni plated	
Torque value (N-m)	3.1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	

Number of Positions

02~10P

16.00mm

0166-80XX

600V

Technical Data

UL

UL use group	B/C	B/C
Rated voltage	600V	85A / 600V
Rated current	65A	100A
Wire range (AWG)	14~6	4(sol)~3(str)
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M5, Steel, Zn plated	
Torque value (N-m)	2.4	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	

Number of Positions

02~20P

16.00mm

0166-80XXC

600V

Technical Data

UL

UL use group	B	D
Rated voltage	300V	300V
Rated current	15A	10A
Wire range (AWG)	22~16	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M2.6, Steel, Ni plated	
Torque value (N-m)	0.5	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	

Number of Positions

02~30P

Triple-barrier, single row

The triple-barrier in single row terminal blocks offer pitches from 6.35mm~16mm and options of various terminal pin designs that are suitable for voltage ratings 300V/6A~600V/65A.

The product range provide a wide variety of screw, terminal and mounting options, fitting a multitude of applications.

6.35mm

DT-29-B01W-XX

Technical Data

UL

UL use group	B	D
Rated voltage	300V	300V
Rated current	15A	10A
Wire range (AWG)	22~16	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M2.6, Steel, Ni plated	
Torque value (N-m)	0.5	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	

Number of Positions

02~30P

6.35mm

DT-29-B02W-XX

Technical Data

UL

UL use group	B	D
Rated voltage	300V	300V
Rated current	15A	10A
Wire range (AWG)	22~16	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M2.6, Steel, Ni plated	
Torque value (N-m)	0.5	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	

Number of Positions

02~30P

7.62mm

0032-09XX

Technical Data

UL

UL use group	B	D
Rated voltage	300V	300V
Rated current	6A	6A
Wire range (AWG)	24~16	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Zn plated	
Torque value (N-m)	0.5~0.6	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	

Number of Positions

02~22P

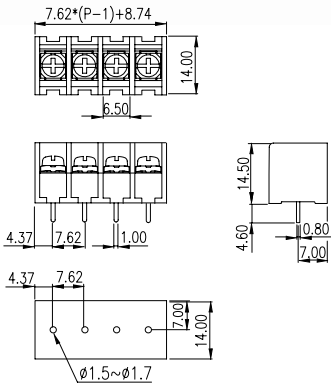
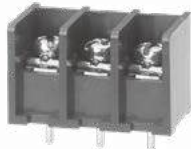
151

152

7.62mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	10A	10A
Wire range (AWG)	24~14	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N-m)	0.5~0.6	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~13P		

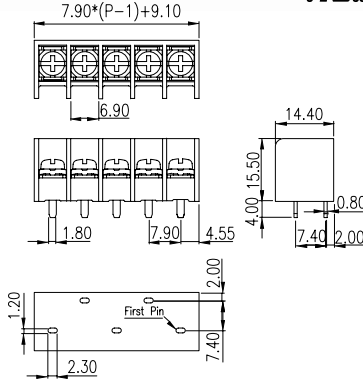
0032-14XX



7.90mm

Technical Data	UL	
UL use group	B/C	B/C
Rated voltage	300V	300V
Rated current	20A	30A
Wire range (AWG)	22~12	10
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MQ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M3.5, Steel, Zn plated	
Torque value (N-m)	1.4	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~25P		

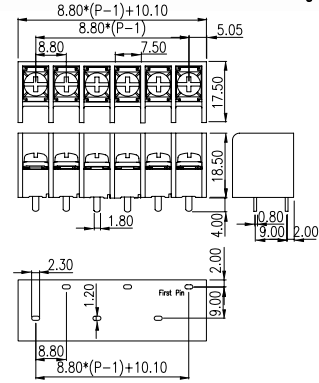
0167-10XX



8.80mm

Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	20A	20A
Wire range (AWG)	24~12	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M3.5, Steel, Zn plated	
Torque value (N-m)	1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~24P		

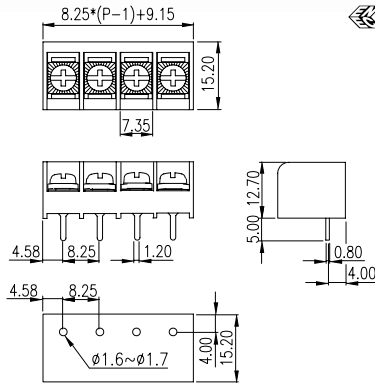
0167-90XX



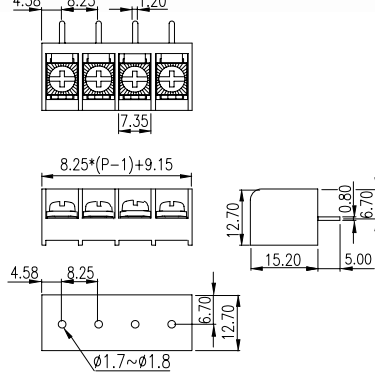
8.25mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	20A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	#6-32, Steel, Ni plated	
Torque value (N-m)	1.4	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
02~33P		

DT-39-B01W-XX



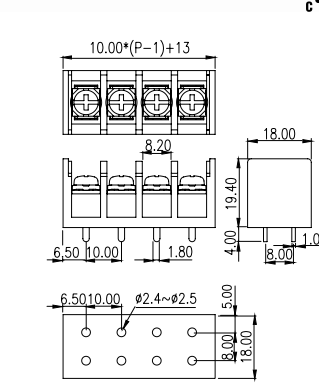
DT-39-B02W-XX



10.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	300V	300V
Rated current	45A	30A
Wire range (AWG)	8	22~10
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M4, Steel, Ni plated	
Torque value (N-m)	0.8~1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~08P		

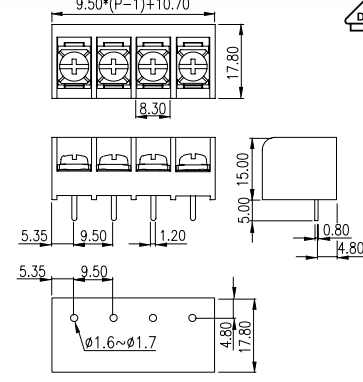
0186-40XX



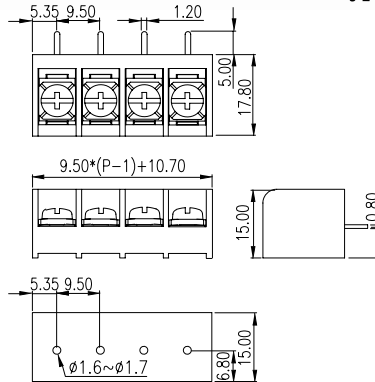
9.50mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	25A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw		
DT-49-B01W-XX	#6-32, Steel, Ni plated	
DT-49-B02W-XX	#6-32, Steel, Ni plated	
DT-49-C91W-XX	M3.5, Steel, Ni plated	
Torque value (N·m)	1.4	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
DT-49-B01W-XX	02~31P	
DT-49-B02W-XX	02~31P	
DT-49-C91W-XX	02~15P	

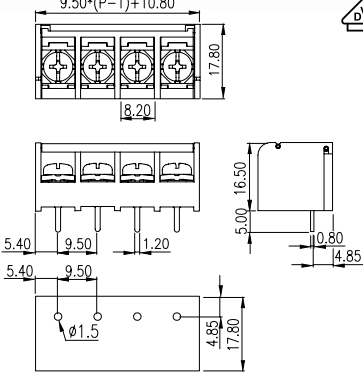
DT-49-B01W-XX



DT-49-B02W-XX



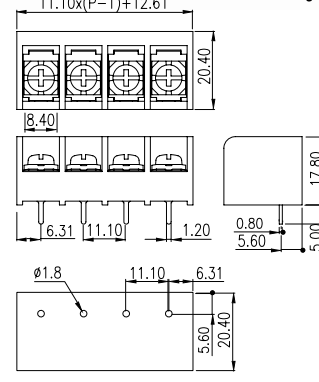
DT-49-C91W-XX



11.00mm

Technical Data	UL	
UL use group	B/C	D
Rated voltage	300V/150V	300V
Rated current	30A	10A
Wire range (AWG)	22~10	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥500MΩ / DC 500V	
Housing	PA66, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M4, Steel, Ni plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +120°C	
Wiring type	FW2	
Number of Positions		
02~26P		

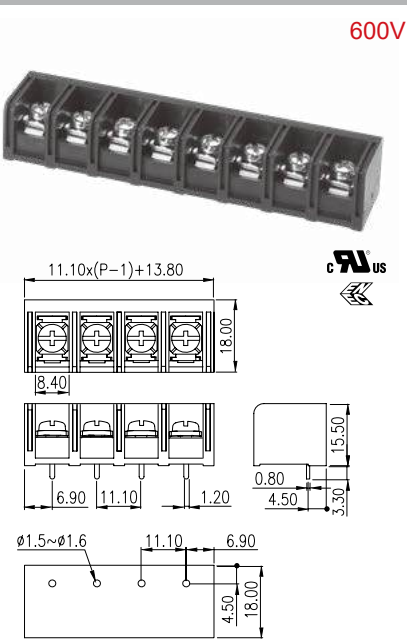
DT-69-B01W-XX



11.00mm

Technical Data	UL	
UL use group	B/C	B/C
Rated voltage	600V	600V
Rated current	20A	45A
Wire range (AWG)	22-12	10-8
Withstand voltage	AC3000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	#6-32, Steel, Zn plated	
Torque value (N-m)	1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~16P		

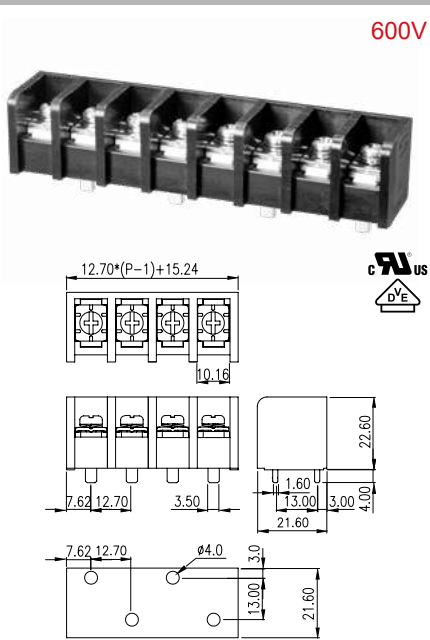
DT-69-H53W-XX



12.70mm

Technical Data	UL	
UL use group	B/C	D
Rated voltage	600V	600V
Rated current	45A(str)/43A(sol)	5A
Wire range (AWG)	18~8	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M4, Steel, Zn plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~16P		

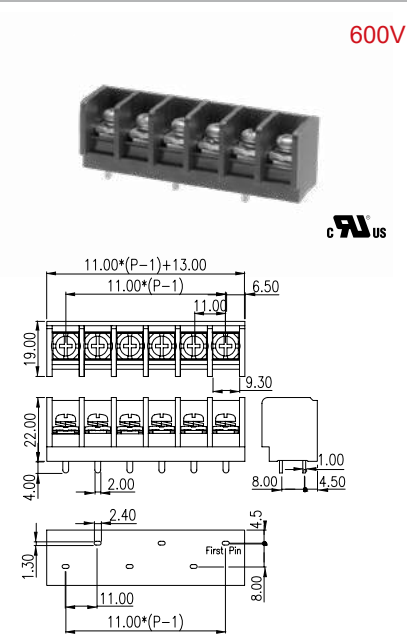
DT-79-B01W-XX



11.00mm

Technical Data	UL	
UL use group	B/C	B/C
Rated voltage	600V	600V
Rated current	30A	50A
Wire range (AWG)	22~10	8
Withstand voltage	AC3000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M4, Steel, Zn plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~25P		

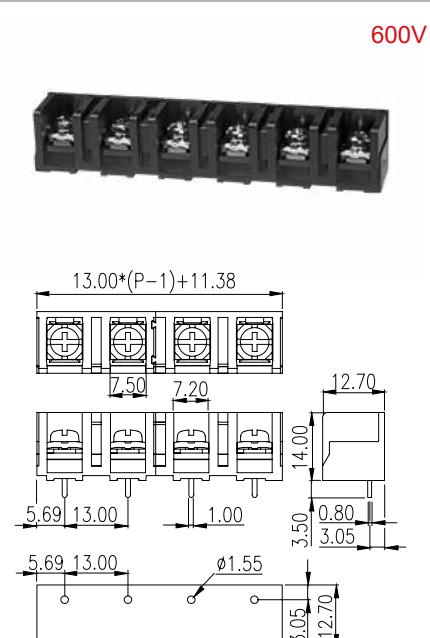
0167-50XX



13.00mm

Technical Data	UL	
UL use group	B/C	D
Rated voltage	600V	600V
Rated current	20A	5A
Wire range (AWG)	22~12	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	0.8~1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~10P		

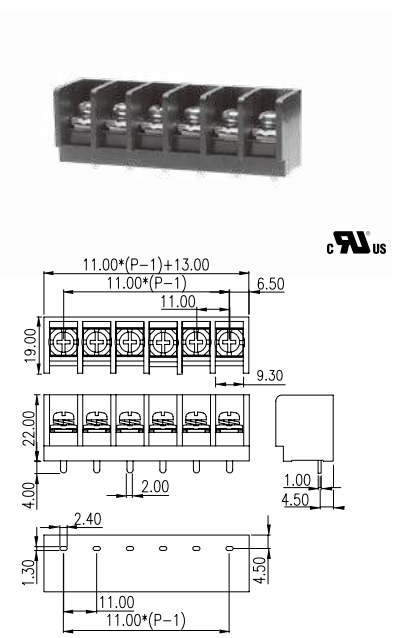
0167-70XX



11.00mm

Technical Data	UL	
UL use group	B/C	B/C
Rated voltage	300V	300V
Rated current	30A	50A
Wire range (AWG)	22~10	8
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M4, Steel, Zn plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~25P		

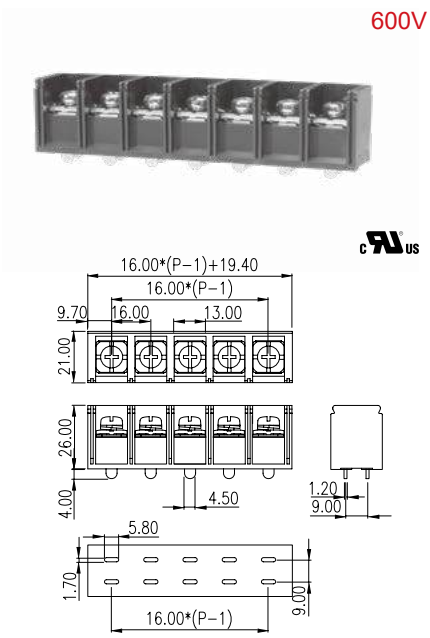
0167-52XX



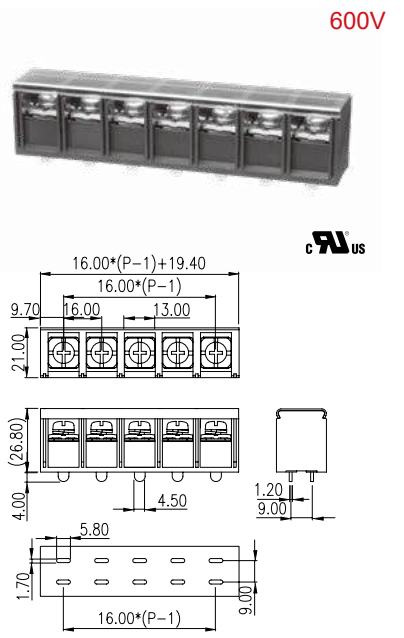
16.00mm

Technical Data	UL	
UL use group	B/C	B/C
Rated voltage	600V	600V
Rated current	65A	85A/100A
Wire range (AWG)	14~6	4(sol)/3~4(str)
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M5, Steel, Zn plated	
Torque value (N-m)	2.4	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~20P		

0167-80XX

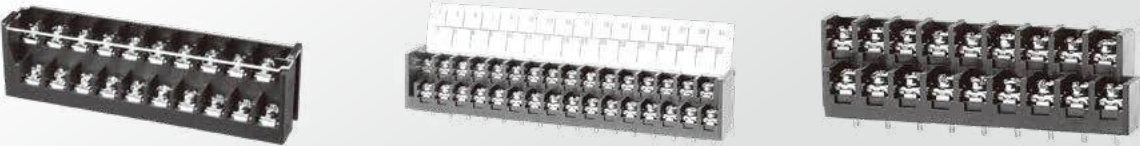


0167-80XXC



Triple-barrier, Bi-level

The bi-level barrier terminal block is in triple-barrier housing, the solution is for high density wiring in small spaces. Available pitches from 7.62mm ~14.3mm and options of various terminal pin designs that are suitable for voltage ratings 300V/10A~ 600V/35A. The optional top cover offers additional protection and can have markings printed on for clearer wire indication.



7.62mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	20A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N-m)	0.5~0.6	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
03~05.....23P		

0032-23XX

7.62*(P-1)/2+8.94

6.50

19.00

4.00 21.00

4.47 7.62 3.81 1.50

0.80 9.00 5.00

3.81 #2.20

4.47 7.62 5.00

7.62mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	10A	10A
Wire range (AWG)	24~16	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Zn plated	
Torque value (N-m)	0.5~0.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
04~32P		

0032-15XX

7.62*(P/2-1)+12.65

8.23 7.62

6.40

17.00

12.00

4.42 7.62 1.00 4.00 0.80 1.40

8.23 7.62

Ø1.6~1.7

Ø3.50

4.42 7.62 3.10

7.62mm

Technical Data	UL	
UL use group	B	
Rated voltage	300V	
Rated current	15A	
Wire range (AWG)	22~14	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N-m)	0.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
04~60P		

2DD-B01W-XX

7.62*(P/2-1)+12.78

7.62

19.50

6.27

20.20

3.81 1.00 4.20

9.20 1.80

7.62X(P/2-1)

1.80

9.20

7.62X(P/2-1)+9.22

Ø1.6

2DC-B01W-XX

7.62*(P/2-1)+13.28

7.62 8.55

6.27

19.50

22.70

1.00 7.62 8.55

4.20 9.20 1.80

7.62 8.55

3.81

Ø1.5~Ø1.6

9.20

9.52mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	20A	10A
Wire range (AWG)	18~12(sol)/14~12(str)	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	1.4	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
04~48P		

4DC-B01W-XX

9.52X(P/2-1)+16.79

6.01 9.52X(P/2-1)

8.12

28.50

1.00 9.52 4.76 9.52 4.00 0.80 1.80

9.52 4.76

9.50 1.80

Ø1.6

14.3mm

Technical Data	UL	
UL use group	B/C	D
Rated voltage	600V	600V
Rated current	35A	5A
Wire range (AWG)	18~10	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Ni plated	
Screw	#8-32, Steel, Zn plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW1	
Number of Positions		
02~16P		

0113-10XX

600V

(P+1)*14.30+10.30

12.30

16.00

7.10

12.70

Ø12.30

33.30

9.7mm

Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	15A	10A
Wire range (AWG)	22~12	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Brass, Ni plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	0.8~1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
12P		

0032-4512

137.10

9.70 8.40

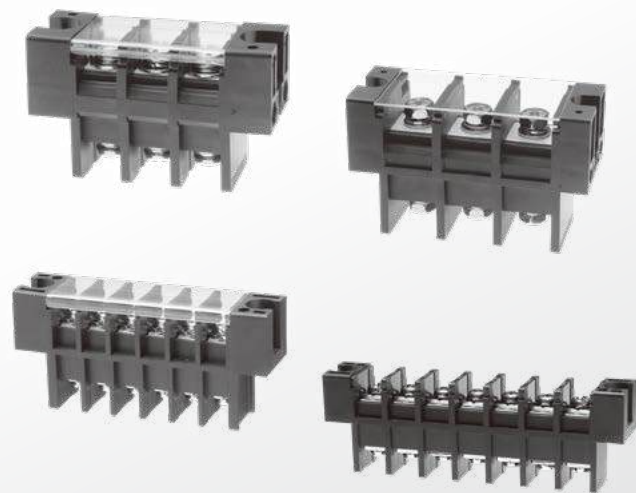
4.60

15.20 9.70

25.00

14.00

Panel Feed-Through



High quality copper material is used for a safer, more effective connection through panels. Available pitches from 8.50mm ~ 27.00mm with a max. amp rating of 175A and a max. voltage rating of 600V. Top protection covers and washers are optional.

8.50mm

Technical Data	UL	
UL use group	B	C
Rated voltage	300V	300V
Rated current	20A	20A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MQ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M3, Steel, Ni plated	
Torque value (N-m)	1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~15P		

0168-10XX

0168-14XX

8.50mm

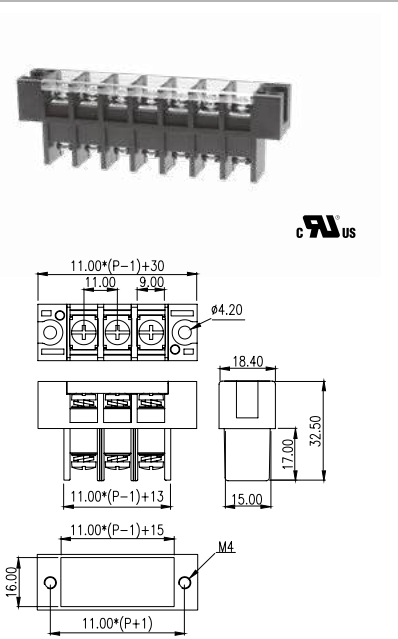
Technical Data	UL	
UL use group	B	D
Rated voltage	300V	300V
Rated current	20A	20A
Wire range (AWG)	22~12	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MQ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M3.5, Steel, Ni plated	
Torque value (N-m)	1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~15P		

0168-15XX

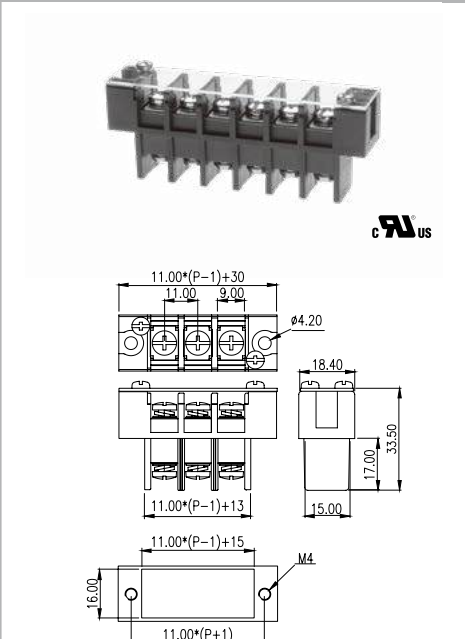
11.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	300V	300V
Rated current	30A	30A
Wire range (AWG)	22~10	
Withstand voltage	AC2000V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M4, Steel, Ni plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~23P		

0168-20XX



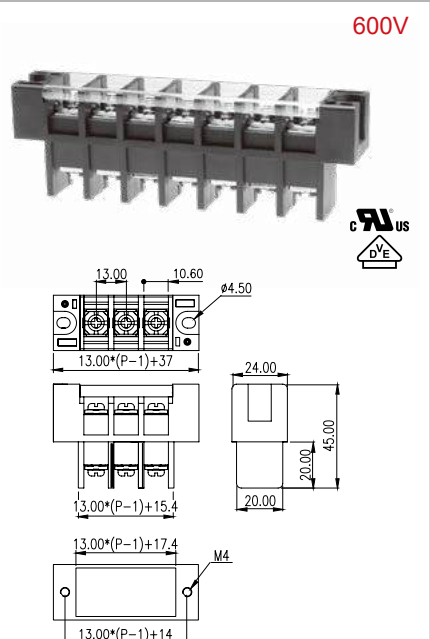
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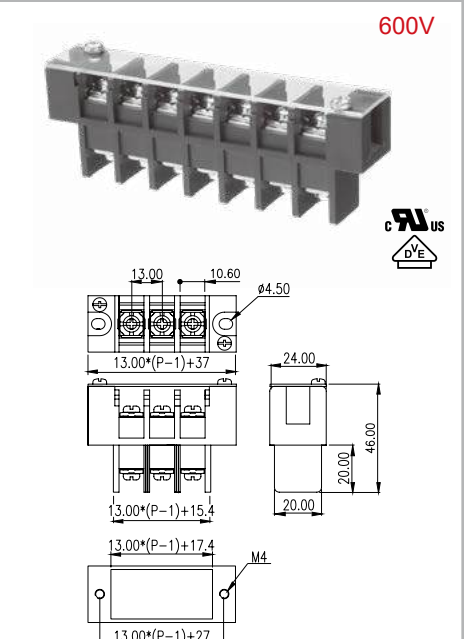
13.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	50A	50A
Wire range (AWG)	22~8	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M4, Steel, Zn plated	
Torque value (N-m)	1.8	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~12P		

0168-32XX



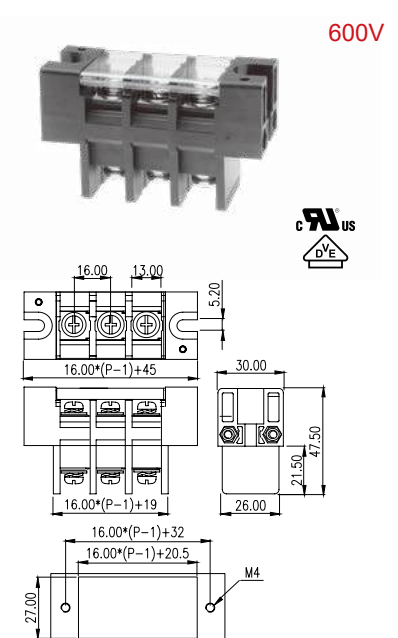
0168-35XX



16.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	115A	115A
Wire range (AWG)	14~2	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M5, Steel, Zn plated	
Torque value (N-m)	2.5	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~15P		

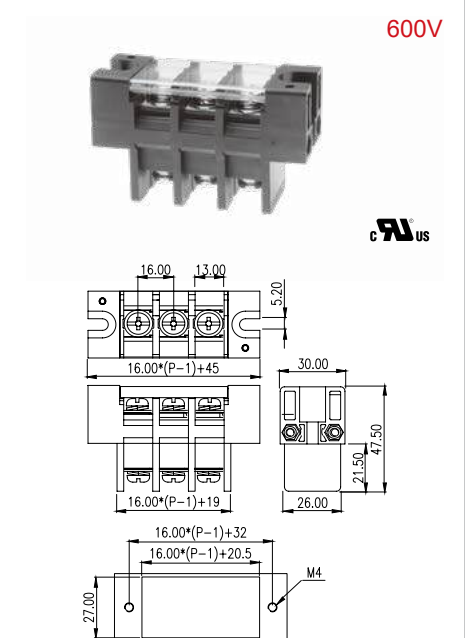
0168-40XX



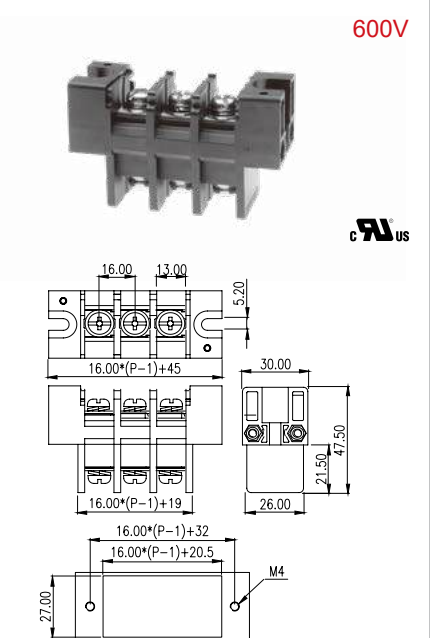
16.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	115A	115A
Wire range (AWG)	14~2	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M6, Steel, Ni plated	
Torque value (N-m)	2.5	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~15P		

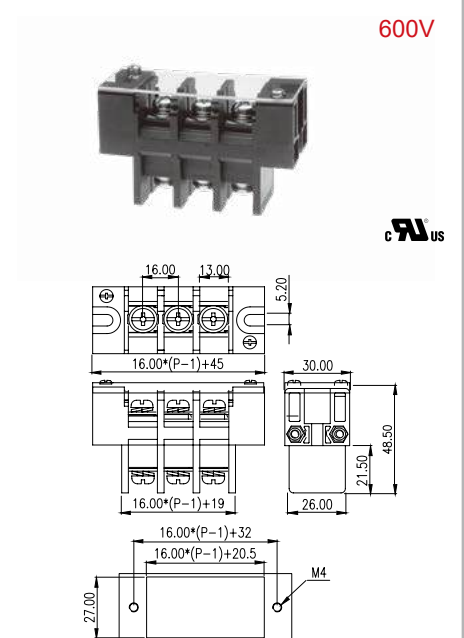
0168-42XX



0168-43XX



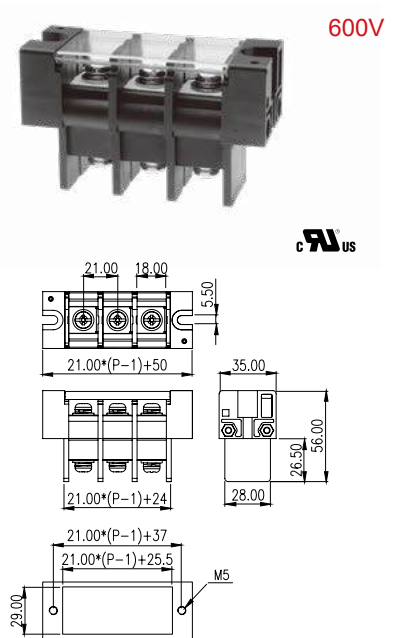
0168-45XX



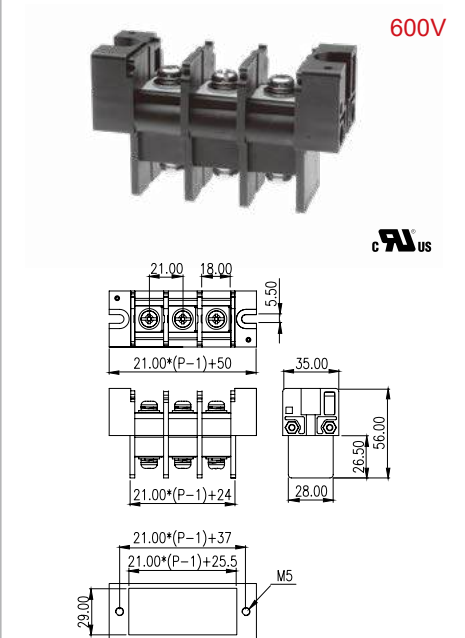
21.00mm

Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	130A	130A
Wire range (AWG)	8~1	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MΩ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M6, Steel, Ni plated	
Torque value (N-m)	3	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~15P		

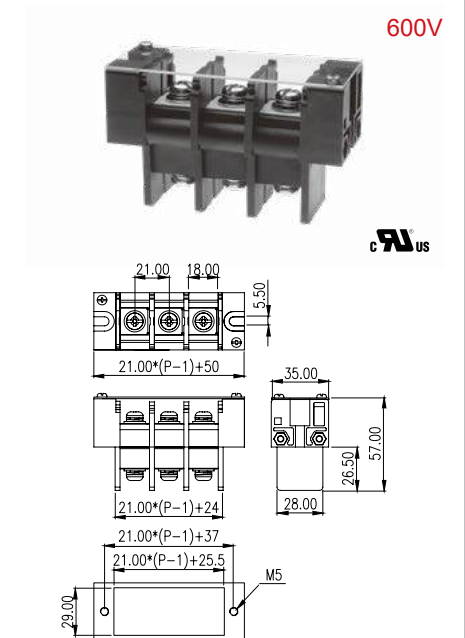
0168-50XX



0168-51XX



0168-54XX



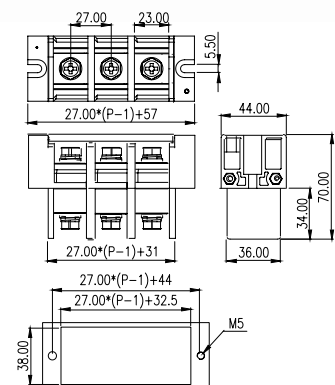
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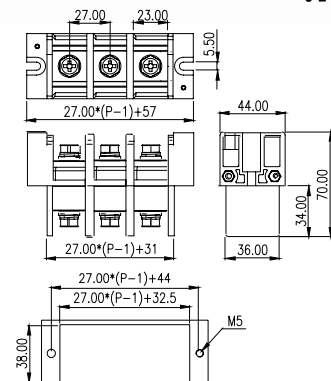
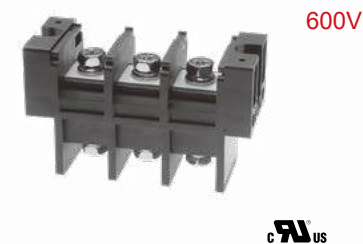
27.00mm

0168-62XX

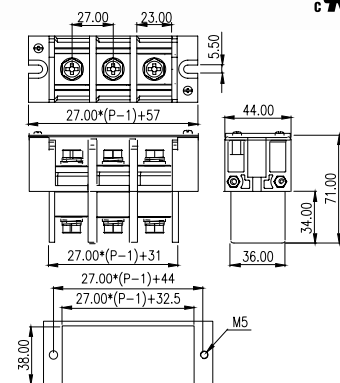
Technical Data	UL	
UL use group	B	C
Rated voltage	600V	600V
Rated current	175A	175A
Wire range (AWG)	10~2/0	
Withstand voltage	AC2500V / 1 minute	
Insulation resistance	≥1000MQ / DC 500V	
Housing	PBT, UL94-V0, black	
Terminal	Copper, Tin plated	
Screw	M8, Steel, Ni plated	
Torque value (N-m)	6.1	
Operating temperature	-40°C ~ +130°C	
Wiring type	FW2	
Number of Positions		
02~15P		



0168-63XX



0168-65XX

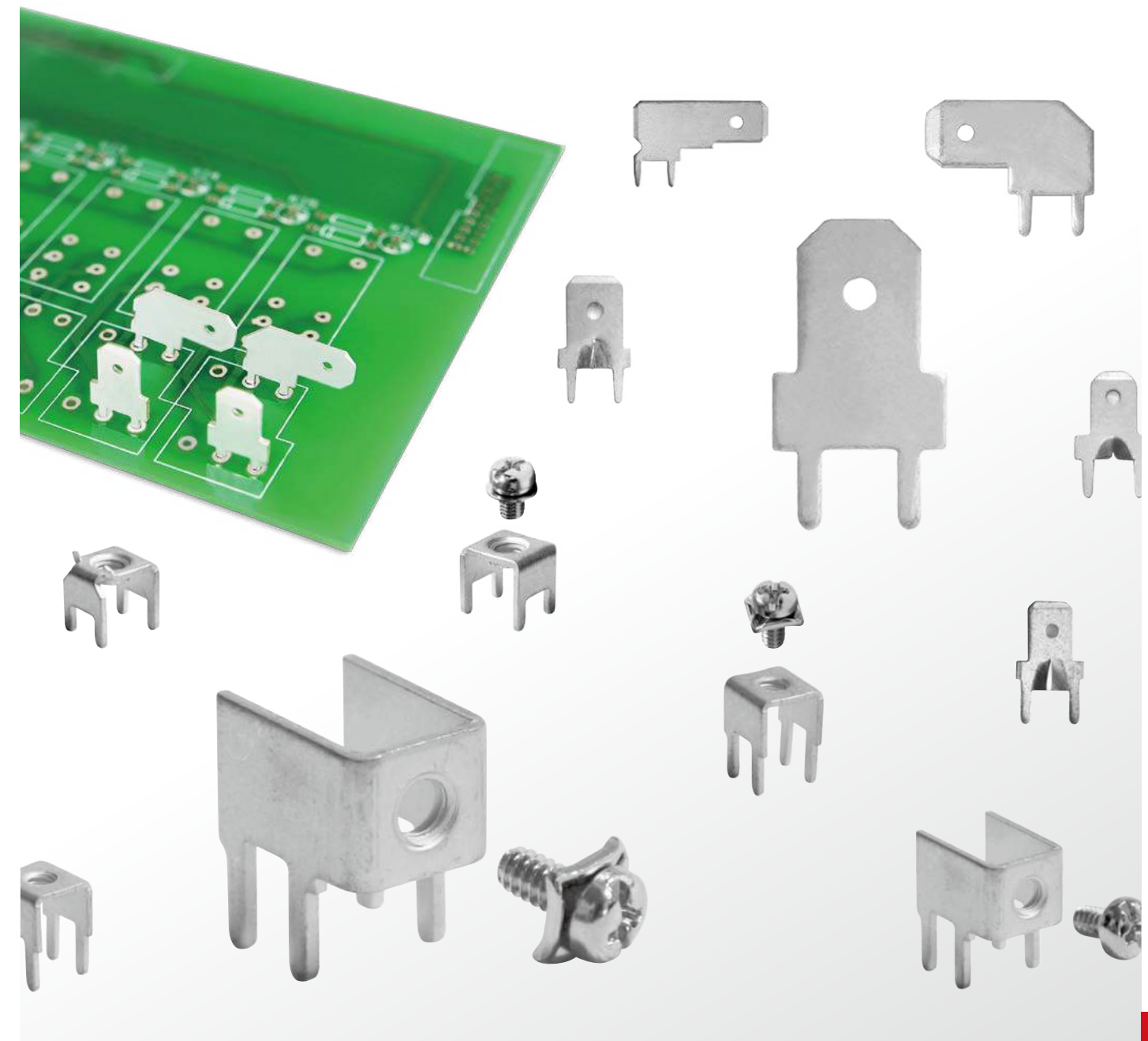


Quick Terminals / Tabs

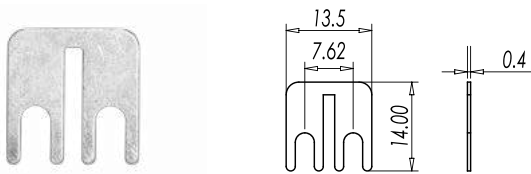
Quick terminals meet the dimensional and performance requirements of the standard UL310.

The series of quick terminals is for reliable and cost-effective connections.

These products are designed to terminate wires and components to printed circuit boards (PCBs). Our quick terminals/tabs provide reliable, cost-effective solutions for connecting assemblies with pin contacts to printed circuit boards.

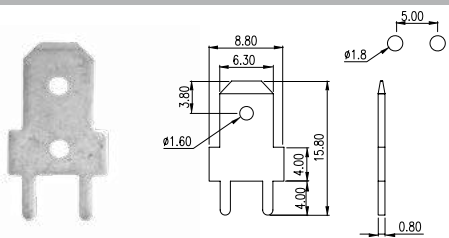


DS-201



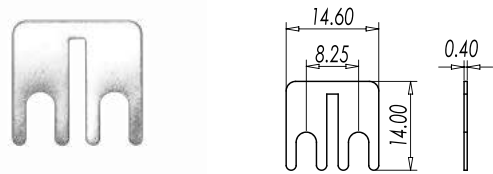
Material	Brass, Tin plated
Rating	15A

P-850



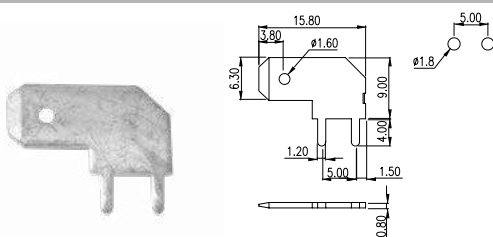
Material	Brass, Tin plated
Rating	30A

DS-301



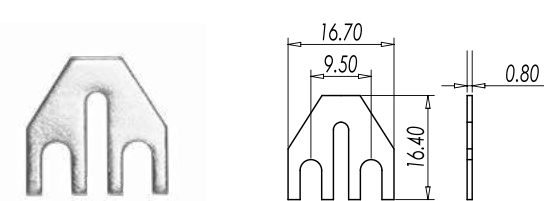
Material	Brass, Tin plated
Rating	20A

P-860



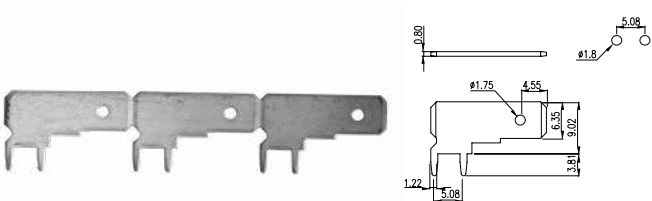
Material	Brass, Tin plated
Rating	30A

DS-401



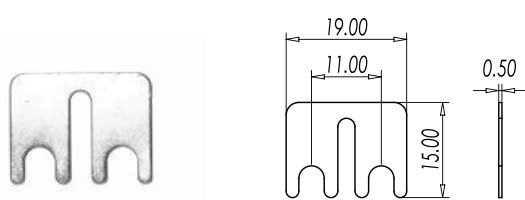
Material	Brass, Tin plated
Rating	25A

P-861



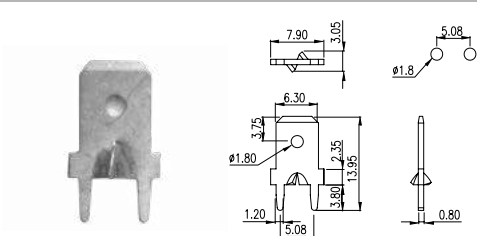
Material	Brass, Tin plated
Rating	30A

DS-601



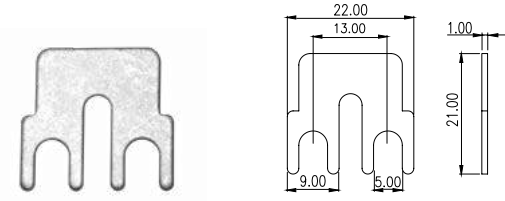
Material	Brass, Tin plated
Rating	25A

P-851



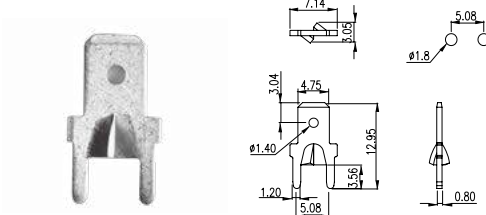
Material	Brass, Tin plated
Rating	30A

DS-701



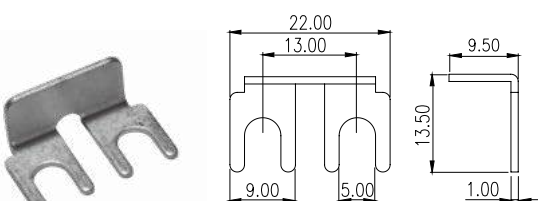
Material	Brass, Tin plated
Rating	40A

P-871



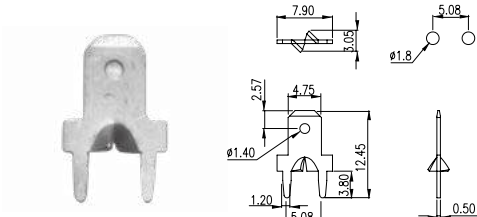
Material	Brass, Tin plated
Rating	30A

DS-701R



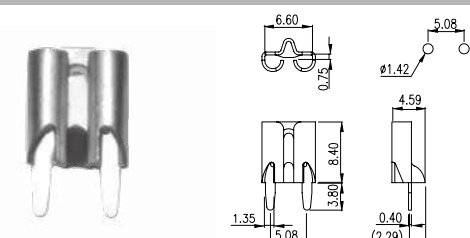
Material	Brass, Tin plated
Rating	40A

P-872



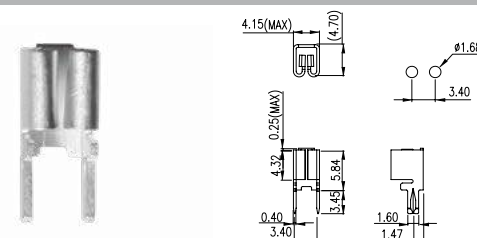
Material	Brass, Tin plated
Rating	30A

P-610



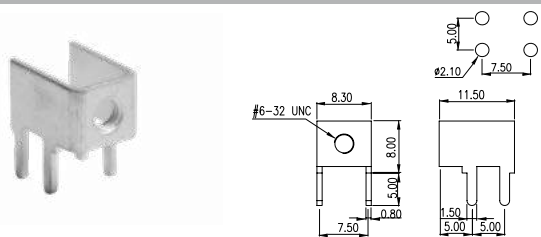
Material	Brass, Tin plated
Rating	30A

P-620



Material	Brass, Tin plated
Rating	20A

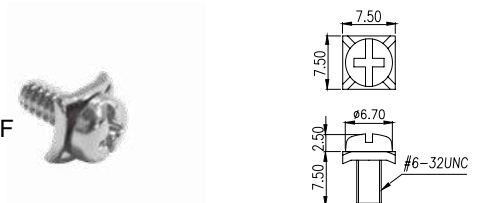
P-810



Material	Brass, Tin plated
Rating	80A

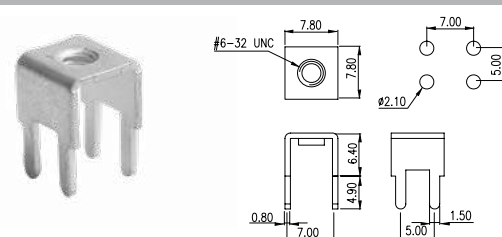
Screw

S000001100-F



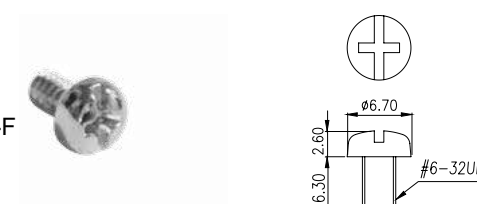
Material	Steel, Ni plated
Size	#6-32
Torque (N-m):	0.8

P-820



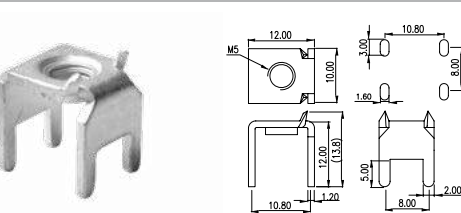
Material	Brass, Tin plated
Rating	50A

S000001200-F



Material	Steel, Ni plated
Size	#6-32
Torque (N-m):	0.8

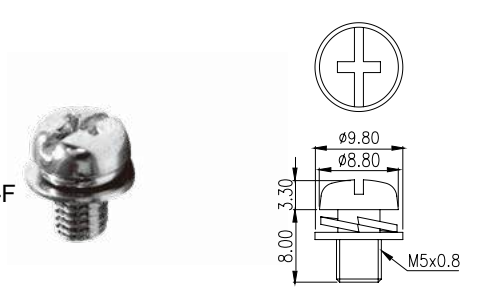
P-830



Material	Brass, Tin plated
Rating	85A

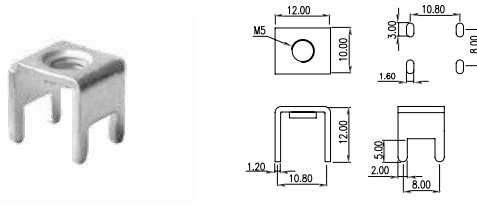
Screw

S000004700-F



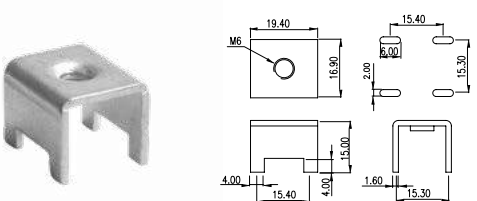
Material	Steel, Zn plated
Size	M5
Torque (N-m):	2

P-831



Material	Brass, Tin plated
Rating	85A

P-840



Material	Brass, Tin plated
Rating	150A

Screw

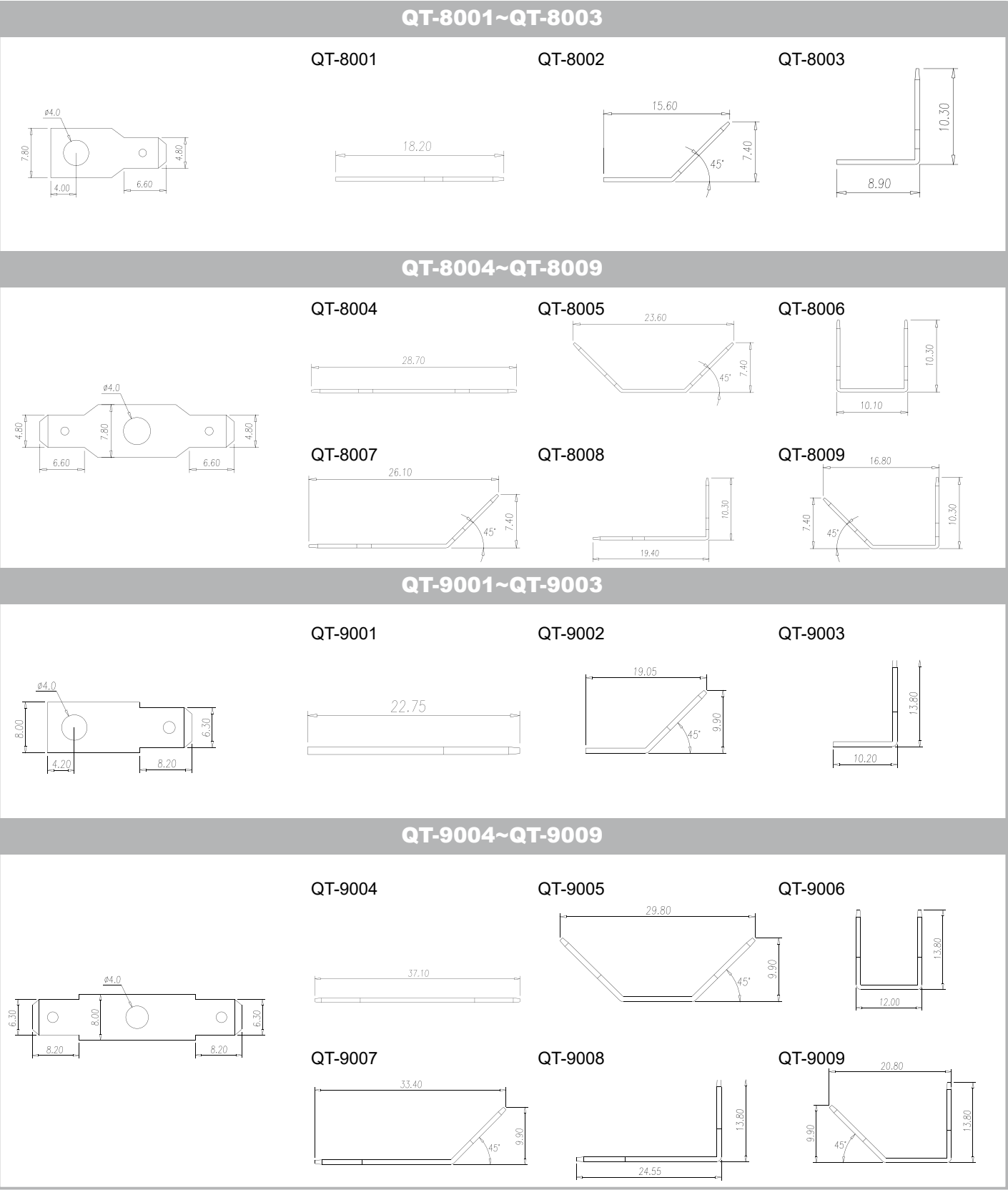
S000008400-F



Material	Steel, Ni plated
Size	M6
Torque (N-m):	2.5

Quick PCB Tabs

PCB tabs are used to test receptacle insertion/extraction requirements quickly and simply. Double-ended test tab can be used for electrical and temperature rise testing. These terminals are designed according to the electrical test setup outlined in UL 310.



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